

ANNUAL AUTHOR INDEX

Feature Articles

	ISSUE	PAGES
Yarcho, W. B. Survey of Vibration Test Procedures in Use by the Air Force	1	5-11
Note, C. D., Jr. Dynamic Stability of Axially Moving Materials	4	2-11
Sevin, E. Design Automation and Methods of Optimization	9	2-9
Advani, S. H.; Owings, R. P.; and Shuck, L. Z. Dynamic Response Evaluation of Translational and Rotational Head Injury Models	10	3-16
Boyd, D. E. and Brugh, R. L. On the Free Vibrations of Noncircular Cylindrical Shell Structures	11	2-12
Lovesey, E. J. A Summary of Human Response to Dual-Axis Vibration Research	12	3-6

A

Abarcar, R. B.....	1637	Agrawal, P. N.....	949
Abbagnaro, L.A.....	1269	Ahlebeck, D.R.....	220
Abdelhamid, A. N.	464, 710, 1724	Ahmed, K.M.....	243, 1221
Abdulhadi, F.....	79	Ahrens, C.....	646
Abel, J. M.	1569	Ahrens, T.J.....	354
Abele, M.....	96	Aida, T.....	97
Abhat, O. C. B.....	766	Ainola, L.Ia.....	917
Aboudi, J.	574, 958, 1088, 1641	Aird, R.J.....	278, 1361
Abrams, C. F., Jr.	1427	Akino, K.....	875, 2045
Achenbach, J.D.	1879	Akita, Y.....	1572
Ackerman, A.D.	1264	Albrecht, B.....	2026
Adams, D., III.....	719	Alekseenko, M. F.....	1840
Adams, M. L.....	1822	Alfredson, R.J.....	514, 2001
Adams, P. A.	1665	Allaway, P.....	476
Adams, R. D.	1838	Allen, C.H.....	1376
Adelman, H. M.	188	Allen, D.C.....	495
Adham, S. A.	1987	Allen, D.L.....	1332, 2030
Adkins, A. W.	1187	Allen, G.....	138
Africk, D. J.	68	Allen, R.G.....	1393
Agne, T. D.	1860	Allison, W. D.....	1977
Agrawal, B. N.	1036, 1090	Allred, A.P.....	1143
		Almroth, B.O.....	324, 1806
		Almy, C.R.....	1137
		Alster, M.....	1944
		Amaro, A.J.....	1244
		Ambartsumian, S.A.....	989
		Assoc. Bay Area Gov.....	684

Abstract
Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue:	1	2	3	4	5	6	7	8	9	10	11	12
--------	---	---	---	---	---	---	---	---	---	----	----	----

Atherley, G.R.C.	485	Barnes, T.G.	1280	Bernard, M.C.	1939
Astill, C.J.	1196	Barnett, M.A.	636	Bernreuter, D.L.	200, 691
Atkins, M.	169	Barnum, T.	1488	Bernstein, B.	964
Atluri, S.	916	Baron, M.L.	367, 587	Bert, R.L.	1926
Atomic Energy Commission	1666	Barone, A.	1127	Bertero, V.V.	1151
Attenborough, K.	203	Barr, A.D.S.	109, 1395, 1523, 1588	Berthoud, R.	855
Aupperle, F.A.	1978	Barrett, S.	199	Bessey, R.L.	228
Aurelius, J.P.	358	Barrett, T.W.	824	Betten, J.	1253
Austin, W.J.	1006	Barry, F.W.	456, 457	Betzhold, C.	1525
Automobile Engr.	948, 1770, 1771	Barton, J.R.	813	Bevilacqua, L.	1591
Auzolle, S.	1097	Bartz, J.A.	720	Bhandari, D.R.	1607
AVCO Corp.	892	Bashta, T.M.	1021	Bhattacharya, B.K.	260
Awojobi, A.O.	1331, 1848	Bassily, S.F.	2005	Bhattacharya, M.C.	1853
Awotwi, P.A.K.	779	Batdorf, S.B.	1725	Bhattacharya, S.N.	908
Ayre, R.S.	745, 930, 1013	Bathe, K.J.	1600	Bibikov, I.N.	1839

B

Babu, P.V.T.	8, 429	Baumann, G.W.	1299	Bielak, J.	1009, 1909
Babu, V.S.S.	329	Baumgarten, J.R.	64, 1436	Birchill, J.	697
Badgley, R.H.	1568	Bausch, W.E.	482	Bircikoglu, V.	1317
Baer, M.R.	1140	Baxter, R.L.	1387	Bishop, D.E.	1437
Bagci, C.	1207	Bayles, D.J.	1223	Bishop, R.E.	1296
Bagdasarian, G.E.	989	Beards, C.F.	1281	Bishop, R.E.D.	1388, 1945
Bagge, C.F.	2061	Beaton, G.V.	169	Blushkin, V.A.	208
Baggia, S.	611	Beaty, D.A.	1363	Bivins, R.L.	1797
Bahr, H.A.	69	Beckemeyer, R.J.	1622	Black, H.F.	1022, 1748
Baier, R.V.	1328	Becker, R.J.	647	Blake, W.K.	244
Bailey, J.R.	1483	Bedrosian, B.	1308, 1614	Blalock, T.V.	698
Bailie, J.A.	1738	Behar, A.	488	Blanchard, R.S.	388
Baird, J.D.	805	Behring, A.G.	1805	Bleich, H.H.	1644
Baker, J.K.	279	Bell, A.C.	1946	Blew, M.J.	879
Baker, N.H.	1604	Bell, L.E.	1548	Blodgett, R.E.	558
Baker, W.E.	228	Bell, W.B.	795	Bloedel, A.W.	1098
Balazard, J.	787	Bellow, D.G.	1495	Blotter, P.T.	81
Balderes, T.	1875	Belobzheskiy, L.A.	290	Blume, J.A.	475, 951, 1348, 2043
Balke, R.W.	337	Belubekian, M.V.	989	Bodley, C.S.	1185
Ball, R.E.	80, 715, 990, 1812 1813, 1830	Bendat, J.S.	784	Bogonoff, J.L.	1431, 1432
Bamford, R.	1051	Bendich, N.N.	991	Bohm, G.J.	1754
Bammert, K.	756	Bendixen, C.D.	1713	Boidek, S.A.	1407
Bandgren, H.J., Jr.	300	Benedict, C.E.	1870	Boley, B.A.	1651
Bandle, C.	987	Bennett, R.O.	389, 1380, 1381	Bolleter, U.	1236
Banerian, G.	1953	Bently, P.G.	497	Bolt Beranek and Newman	1248
Bangs, W.F.	191, 233	Benzakein, M.J.	501, 759, 1545	1449	
Bannister, R.L.	46, 941	Benzley, S.E.	1506	Bonthron, R.J.	1566
Bantle, J.A.	685	Beredugo, Y.O.	1907	Booker, J.F.	1567
Barach, D.	925	Berezow, J.	242	Borenius, G.H.	1717
Baranov, I.A.	1561	Berger, S.	701	Boresi, A.P.	2062
Barasch, S.	1505	Berglund, K.	863, 1957	Orland, C.J.	1723
Barash, R.M.	1823	Berkhay, H.O.	573	Borsky, P.N.	873
Barbosa, M.F.	1850	Berman, A.	1083	Bose, S.K.	2042
Barker, L.M.	1092	Berman, H.	1779	Boswell, L.F.	1172
		Birmingham, P.J.	1281	Bothwell, P.W.	1026

Abstract
Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Boucher, G.....	353	Burroughs, C.....	2018	Chandrasekaran, A.R.....	1048
Boulot, F.....	1753	Burt, J.A.....	1876	Chandrashekara, N.....	163,503
Bourquin, K.....	1060	Burt, J.O.,Jr.....	616	Chang, C.T.M.....	575
Bourquin, K.R.....	1631	Burt, P.J.....	1059	Chang, S.....	1960
Bouwkamp, J.G.....	477	Burton, T.D.....	381	Chang, S.S.....	496
Bowie, G.E.....	370	Busby, H.R.....	1601	Chang, T.....	1314
Bowler, J.F.....	1532	Bushnell, D.....	248,324,1806	Chang, T.Y.H.....	1968
Bowns, D.E.....	153	Butcher, G.W.....	689	Chao, H.....	1889
Boyd, D.E.....	1223	Buth, E.....	1662,1764	Chaplin, E.S.....	617
Boyd, R.J.....	168	Byrdsong, T.A.....	1340	Charleson, A.W.....	472
Boyer, G.R.....	1852	Byrne, W.J.....	965	Charnley, T.....	1000
Bradford, G.M.....	1549			Chasman, M.R.....	1584
Bradley, W.A.....	1999			Chatterjee, A.K.....	2042
Bradow, G.E.....	1032			Chaudry, M.H.....	832
Brahim, A.M.....	394			Chauhan, A.P.....	1201
Brainard, J.P.....	396			Chawla, D.R.....	402
Brandow, G.E.....	19			Chen, A.T.F.....	959,1785
Breaks, J.C.....	1199	Calahan, D.A.....	331,1617	Chen, C.H.....	73
Brebbia, C.A.....	167	Calcatterra, P.C.....	1003	Chen, C.S.....	366
Brekke, T.L.....	480	Caldwell, H.M.....	653	Chen, H.S.....	374
Brendel, K.....	390	Calico, R.A.....	1043	Chen, J.C.....	976
Brew, J.S.....	102	Calif. Univ., Berkeley	937	Chen, J.-C.....	1877
Bridgett, M.S.....	779	Campbell, D.D.....	1763	Chen, K.C.C.....	1582
Brinn, J.....	1535	Campbell, J.D.....	1668	Chen, P.....	122
Brodersen, A.B.....	1353	Campbell, R.A.....	788	Chen, P.C.....	1410
Brodin, C.....	863	Campbell, S.....	1902	Chen, P.J.....	960
Brogan, F.....	324	Candel, S.M.....	2034	Chen, P.W.....	1914
Bronstad, M.E.....	1762	Cannon, J.E.....	49	Chen, S.S.....	67,241,648
Brooks, C.R.....	698	Cannon, T.C.....	1669,1979		966,1396
Brooks, J.R.....	343	Canon, W.....	213	Chen, S.S.H.....	1507
Brotton, D.M.....	102	Capurso, M.....	1952	Chen, Y.N.....	1352
Brough, R.....	1474	Carbon, E.....	1718	Cheng, C.....	406,1489
Broughton, J.....	1549	Carlin, D.,Jr.....	831	Cheng, D.H.....	70
Brown, C.B.....	596,597	Carmichael, G.D.T.....	1113	Cheng, H.S.....	406,1489
Brown, D.....	134,502	Carnegie, W.....	1484,1490,1656	Cheng, N.C.....	1327
Brown, R.A.....	797,1155	Carnegie-Mellon Univ.	1385	Cheng, S.L.....	1645,1693
Brown, R.D.....	1748	Carr, R.W.....	861,1522	Chernjawska, M.....	1184
Brown, R.K.....	718	Carrier, G.F.....	373	Cheshankov, B.I.....	986
Brown, W.S.....	603	Carter, N.L.....	1058	Chestnut, D.....	576
Bruce, R.D.....	1376	Case, W.R.....	1186	Cheung, M.S.....	9,1501
Brumund, W.F.....	604	Cassell, A.C.....	779	Cheung, Y.K.....	9,1222,1501
Brunelle, E.J.....	135	Cassie, R.S.....	719		1692,1935
Bryan, M.B.....	222	Castle, P.D.....	733	Chi, C.....	655
Bryan, M.E.....	1355	Cavaille, Y.....	1405	Chiang, D.C.....	438,1507
Bucciarelli, L.L.....	557,1187	Cavicchi, R.H.....	289	Chiang, S.L.....	517,1559
Buchanan, G.R.....	540	Caywood, W.C.....	1166	Chichinadze, A.V.....	58
Bugg, F.....	675	Censor, D.....	574,1641	Childs, D.W.....	1562
Buiten, J.....	1183	Chace, M.A.....	331,1617	Ching, P.A.....	43
Bull, K.D.....	1829	Chadha, J.....	1332	Chisholm, J.R.....	741,742,743
Bunga, G.A.....	1035	Chakrabarti, S.....	1222	Chiu, S.L.....	1349
Burbick, J.W.....	1531	Chakrabarti, S.K.....	812	Cho, D.....	902
Burdall, E.A.....	711	Chalkley, H.G.....	1182	Chou, C.C.....	859
Bureau of Physical Research	1384	Chan, A.S.L.....	1425	Chopra, I.....	391,451,656,657,992
Burge, H.L.....	40	Chan, H.C.....	1692	Chou, C.C.F.....	1878
Burgess, I.W.....	1937	Chan, S.K.....	317,412	Chou, F.H.....	1879
Burney, S.Z.H.....	1426	Chandivert, M.G.....	223	Chou, P.C.....	667
Burns, R.N.....	302	Chandler, R.F.....	1466	Christiansen, R.G.....	229

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Christie, R. K.	1836	Crighton, D.G.	658, 1438	Dawson, T. H.	977
Christopher, P.A.T.	1210, 1341	Cripe, R.A.	810	Day, F.D.	264
Chu, T.S.	132	Crispi, F.J.	1270	Dayton, R.D.	1174, 1584
Chu, T.Y.	1676	Crist, R.A., Jr.	693	De, S.	643
Chung, B.S.	1102	Critchfield, M.O.	1103	Deb, K.K.	623
Chung, T.J.	1128	Crocker, M.J.	458, 1236	DeBelleval, J.	1369
Cicci, F.	424	Crouch, W.W.	1059	DeBiase, J.L.	1955
Cinelli, G.	909	Crouzet-Pascal, J.	1508	Debnath, L.	2025
Citerley, R.L.	715, 1830	Crowley, F.B., III	1985	DeCapua, N.J.	659
Claes, H.P.	1545	Cruikshank, D.B., Jr.	2004	DeChoudhury, P.	886
Clare, T.A.	375, 732	Crum, L.A.	1646	Defense Documentation Ctr.	1066
Clark, A.W.	754	Culbertson, D.W.	224	Degenkolb, H.J.	1816
Clark, C.C.	1527	Cummins, D.P.	1824	Deitrick, R.E.	211
Clark, L.R.	576	Cumpsty, N.A.	82	Delany, W.D.	280
Clarke, T.D.	1713	Cunliffe, F.	1686	Delarm, L.N.	1913
Clarkson, B.L.	848	Cunniff, P.F.	624	Delaurier, J.D.	245, 1842
Clary, R.R.	565	Cunningham, J.E.	247	Denery, D.G.	1060, 1631
Clements, E.W.	215, 1926	Curreri, J.R.	1518	Deng, D.Z.	771
Clevenson, S.A.	382	Currie, P.K.	1642	Denise, J.P.	671
Clifton, R.J.	631	Curtis, A.J.	214	Denkmann, W.J.	1854
Clinch, J.M.	1826	Curwen, P.W.	538	Denton, K.D.	1070
Clough, R.W.	10, 1802			DeRouvray, A.	480
Cloyd, G.B.	2002			Desai, P.D.	50
Coale, C.W.	202, 1786			DeSilva, B.M.E.	103, 1129
Cohen, H.	1880			Desjardins, S.P.	1900
Cohen, M.L.	251			DeTricaud, P.	903, 1010
Cohen, R.	1419			DeVost, V.F.	224
Cokonis, T.J.	1099	Dahiquist, C.A.	38	Dexter, C.B.	1005
Cole, H.A., Jr.	1856	Dailey, G.	1166	Dezfulian, H.	1911
Collins, J.D.	24, 555, 560	Dale, O.B.	1215, 1419	Dhillon, B.S.	1047
Collins, R.L.	1550	Dallman, J.P.	345	Diboll, W.B.	1759
Cologne, K.C.	1528	Dalton, C.	591	Dicker, D.	474
Colsher, R.	410	Dame, R.E.	1941	Dickery, R.W.	988
Combet, P.	51	Damle, S.K.	318	Dickinson, C.B.	1585
Confer, V.J.	338	Daniel, B.R.	1339	Dickinson, S.M.	2005
Conolly, B.	397	Daniels, P.	732	Dietrich, C.W.	1376
Conover, R.A.	630	Darsey, D.M.	808	Diggs, K.H.	843
Coote, C.T.	1079	Das, Y.C.	328, 842	DiMaggio, F.L.	654, 1308
Cornell, A.C.	922	Date, E.H.F.	169	Dimeff, J.	1855
Corotis, R.B.	922	Datta, S.K.	361	DiTaranto, R.A.	1486
Corsetti, C.D.	462	Davenport, A.G.	122	Dittrich, G.	2000
Costello, G.A.	1139	Davenport, J.M.	1966	Dix, R.C.	1227
Costes, D.	2044	Davidson, L.C.	1126	Dixon, P.	1311
Coulter, G.A.	473	Davies, P.B.	1113	Djordjevic, V.D.	1963
Courtney, R.L.	566	Davis, B.I.	1655	Doak, P.E.	376
Coward, W.E.	1545	Davis, B.W.	649	Dobry, R.	1911
Cox, R.H.	1610	Davis, F.C.	703	Dodge, F.T.	204, 249
Coy, J.J.	1521	Davis, H.H.	577, 1234	Doepker, P.E.	54
Coyle, H.M.	605, 797	Davis, J.C.	777	Doherty, C.S.	1167
Cozart, C.W.	1224	Davis, R.	1608	Dokainish, M.A.	1312
Cozzarelli, F.A.	1670	Davis, R.O., Jr.	953	Domarkas, V.I.	1271
Craggs, A.	1942	Davis, S.	877	Dominguez, R.F.	1861
Craine, R.E.	600	Davis, W.R.	1474	Donato, R.J.	1152
Crane, M.F.	1030	Davy, D.T.	1602	Donato, V.	46
Craven, A.H.	2050	Dawe, D.J.	420	Done, G.T.	109
Craver, W.L., Jr.	1428	Dawson, B.	1656	Done, G.T.S.	919
Crews, S.T.	850	Dawson, L.G.	1529	Dong, S.B.	86, 94, 1040, 2006
				Dong, W.N.	1324

Abstract
Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Donham, B.J.	702	Egle, D.M.	1313, 1428	Fandrich, R.T.	216
Dork, R.A.	1468	Ehrgott, J.Q.	802	Fanning, R.J.	1482
Dorman, J.	1831	Ehrich, F.F.	1586, 1783	Farhoomand, I.	1012, 2043
Dorsch, R.G.	1141, 1442	Eldson, R.E.	1128	Fastl, H.	586
Dosanjh, D.S.	464	Eisler, T.J.	1441	Faulkner, T.R.	440
Doty, R.N.	1715, 1733	Eisley, J.G.	1213	Favour, J.	230
Douglas, B.	353	Eiss, N.S.	408, 1114	Fawke, A.J.	757
Douglas, B.M.	1011	Eka, U.U.	688	Federal Aviation Admin.	121, 1818
Douglas, M.	1117	Eldred, K.M.	1621	Feeser, L.J.	318
Dove, R.C.	2026	Eller, A.I.	1104	Feinstein, S.	1258
Dowding, C.H., III	1153	Elliott, A.L.	1959	Feiertag, T.H.	1972
Dowell, E.H.	1177, 1936	Ellison, A.J.	694	Feldman, D.G.	1364
Doyle, G.R.	1531	Elrod, H.G.	1488, 1676	Feng, B.	1411
Doyle, R.E.	887	Embley, G.T.	1456, 1612	Feng, C.C.	1746
Dresig, K.F.H.	1302	Emerson, M.W.C.	803	Feng, G.C.	295
Drevich, V.P.	1843	Emori, R.I.	722, 723, 728, 805	Ferrari, S.	763
Drew, J.H.	1211	Endo, M.	1519	Ferrell, C.S.	1509
Drinkwater, F.I., III	1060	Endo, T.	1734	Ferris, R.H.	1964
Drinkwater, F.J.	1631	Engineering Matls. Des.	709	Ferritto, J.M.	746, 747, 748, 1649
Drischler, J.A.	197	England, F.E.	294, 624	Ferroni, R.	973
Drnevich, V.P.	1262, 1461	English, J.A.	792	Ferrucci, N.	287
Drozd, K.	480	English, T.A.	379	Fiala, E.	1377, 1378
Drumhaller, D.S.	41	Enserink, E.	1379	Fields, S.F.	201
Drummond, A.M.	1031	Erdman, A.G.	1119	Filbey, G.L., Jr.	1158
DuBouchet, A.V.	323	Erhart, R.	1688	Filippi, P.	1882
Duennebier, F.	1831	Ericsson, L.E.	1178, 1575	Filson, G.W.	1536
Duffield, R.C.	1694	Erickson, L.L.	95	Finch, R.D.	1647
Dufort, R.H.	721	Eriksson, L.J.	612	Finck, E.J.	1602
Dugoff, H.	811, 942	Eringen, A.C.	1314	Fink, M.R.	712
Dunham, R.S.	910, 1787	Ertepinar, A.	1881	Finke, J.	1780
Dunlap, D.F.	1648	Erwin, R.	300	Fiquet, J.	51
Dunn, J.M.H.	1341	Eshleman, R.L.	240	Firth, D.	497
Dunn, W.P.	660	Espander, W.R.	1140	Fischer, E.G.	231
Dupe, J.	51	Evan-Iwanowski, R.M.	33, 257	Fisher, C.A.	2008
Dupuis, H.	1538	Evan-Iwanowskii, R.M.	1036	Fisher, C.F., Jr.	698
Durcholz, R.L.	609	Evans, D.H.	1858	Fisher, W.K.	392
Durling, B.J.	714	Evans, J.H.	511, 703, 706	Fishkill, E.	257
Durvasula, S.	325, 451, 452 656, 657	Evans, M.J.	1551	Fitch, E.C., Jr.	601
Dutta, J.	2007	Everett, J.E.	285, 507	Flanagan, W.	155, 1025, 1061
Dzygadio, Z.	83	Eversman, W.	1622, 1795 2002, 2031	Flanigan, V.J.	1805

E

Earls, D.L.	116
Eason, G.	34
East Central Fla. Regional Planning Council	683
Eastep, F.E.	1300
Eberhart, A.C.	1609
Edmondson, A.J.	698
Edwards, G.	1803
Edwards, J.L.	1225
Edwards, R.G.	686

Ewing, C.L.	1739
Ewing, M.	1831
Ewins, D.J.	176, 283, 1681
Ezer, J.G.	1062

F

Fabri, J.	195
Fagel, L.W.	1130, 1908
Fagerstrom, W.B.	1919
Fahy, F.J.	1483
Fairchild Hiller Corp.	1383
Falkenhagen, G.L.	1288

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4	1	2	3	4	5	6	7	8	9	10	11	12
Issue:												

Franke, M. E.	1502	Georgopoulos, G.	319, 332, 834	Graham, R.A.	1277																																																																																																																			
Frederiksen, J. T.	2035	Geradin, M.	303, 311	Grandjean, R.E.	235, 644																																																																																																																			
Freedman, J. M.	598	Gerlach, C. R.	1498	Grant, J. W.	217																																																																																																																			
Freeman, K.A.	1473	Gersch, W.	749	Grantham, J. B.	123																																																																																																																			
Freeman, W. H.	800	Ghaboussi, J.	1801	Grassit, K. E.	663																																																																																																																			
Fried, I.	767, 1592	Ghajari, H. N.	441	Gray, G. G.	1546																																																																																																																			
Friedmann, P.	1533	Ghigliazza, R. S.	637	Gray, H. P.	938, 1393																																																																																																																			
Fritz, R. J.	1563	Ghobarah, A. A.	1682	Greenkorn, R. A.	1629																																																																																																																			
Frodyma, F. J.	1663	Gianasso, M.	955	Greenspon, J. E.	1696																																																																																																																			
Froehlich, K. F.	1760	Giannotti, J. G.	663	Greer, C. R.	1540																																																																																																																			
Frohrib, D.A.	99, 1118	Giaquinto, L.	763	Grether, W. F.	1160																																																																																																																			
Fu, C. C.	550, 1408	Gibson, F. W.	1530	Griffin, R. N.	364																																																																																																																			
Fu, F. C. L.	314, 1799	Gibson, J. D.	1862	Griffith, E. D.	1142																																																																																																																			
Fuchs, H. V.	1844	Gibson, R. E.	930, 1013	Grigoliuk, E. I.	173																																																																																																																			
Fufaev, N.A.	1925	Gibson, R. F.	1973	Grigoluk, E. I.	442																																																																																																																			
Fugelso, L. E.	201	Gidel, R. D.	579	Grime, G.	1552																																																																																																																			
Fujii, S.	2049	Gieseke, R. K.	735	Grimes, D. M.	1468																																																																																																																			
Fujita, Y.	1572	Gieske, J. H.	1664	Grimster, W. F.	858																																																																																																																			
Fujiwara, N. Y.	830	Gilbert, A. C.	1583	Grissom, W. A.	1435																																																																																																																			
Fukaya, K. I.	1250	Ginier, R.	1755	Grote, P.	1648																																																																																																																			
Fukuda, M.	1990	Ginsberg, J. H.	1639, 1798, 1807	Grootenhuis, P.	283, 476, 1453																																																																																																																			
Fulton, R. E.	20, 1811	Girdasov, G. G.	516	Gross, D.	1511																																																																																																																			
Funakawa, M.	1758	Gjaevens, K.	486	Grubitzsch, W.	504, 836																																																																																																																			
Furman, F.A.	1033	Gladwell, G. M. L.	179, 1510	Grundmann, H.	1412																																																																																																																			
Furukie, D.M.	1593	Glassman, A.	626	Gudilkina, Yu. I.	804																																																																																																																			
Furukawa, Y.	1541	Glienicke, J.	1390	Guenther, C. R.	1169																																																																																																																			
G																																																																																																																								
Gaberson, H. A.	1039, 1587	Gloyna, F. L.	2039, 2040	Gulkan, P.	829																																																																																																																			
Gabrieisen, B.	428	Goble, G. G.	1259, 1260	Gungor, I.	1069																																																																																																																			
Galletly, R. D.	1150	Godbold, N. H.	393	Gunter, E. J.	1288, 1564																																																																																																																			
Galloway, W. J.	878	Godshall, W. D.	146	Gupta, B. N.	1261																																																																																																																			
Gandolfo, D.	344	Goel, S. C.	1496	Gupta, G. S.	559																																																																																																																			
Gaonkar, G. H.	136, 851, 1067	Goeller, J. E.	71	Gupta, K. K.	1190																																																																																																																			
Garba, J. A.	1051	Goertner, J. A.	1823	Gupta, R. P.	1496																																																																																																																			
Garg, D. P.	1951	Golden, D. J.	322	Gurpinar, A.	750																																																																																																																			
Garnet, H.	1508	Goldstein, S. N.	856	Gutierrez, O. A.	1446																																																																																																																			
Garza, L. R.	249	Golovchan, V. T.	835	Guthrie, A. N.	1083																																																																																																																			
Gasaway, D. C.	465, 1159, 1901	Golueke, C. A.	266	Guy, R. W.	1853																																																																																																																			
Gaspers, P. A., Jr.	1123	Golyamina, I. P.	1407	Guzdar, A. R.	676																																																																																																																			
Gately, W. S.	140	Goodfriend Assoc., L. S.	1359	Guzhas, D. R.	1316																																																																																																																			
Gatkin, N. G.	1623	Goodman, R. E.	480	H																																																																																																																				
Gayman, W. H.	741, 742, 743	Goodman, T. R.	335	Gebman, J. R.	1076	Goodpasture, D. W.	1345	Haag, F. G.	22	Geers, T. L.	1049, 1315, 1420	Goodson, R. E.	814	Haan, D. E.	612	Gekker, F. R.	1330	Goodwin, W. A.	1345	Hackett, R. P.	1733	Gelfgat, V. I.	1316	Gordon, C. G.	580	Hafer, A. A.	944	Gelman, A. S.	1033	Gordon, D. F.	545	Haft, E. E.	1560	Genin, J.	1089, 1389, 1669 1979, 1991	Gordon, G. A.	498	Hagstrom, J.	1883	Genkin, M. D.	1497	Gorshkov, A. G.	442	Haight, E. C.	1170, 1980	Gens, M. B.	275	Gowda, R. M. S.	405	Haile, W. B., Jr.	296	George, P. J.	2009	Graff, K. F.	1403, 1746	Hajduk, D.	699	George Washington Univ.	1230	Graff, K. G.	433	Hakim, M. A. El	1272			Gragg, C. D.	1713	Haley, J. L., Jr.	483			Graham, B. B.	1624	Hall, B. M.	1143			Graham, E. W.	1624	Hall, G. O.	884	Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2034	Volume 4													Issue:	1	2	3	4	5	6	7	8	9	10	11	12
Gebman, J. R.	1076	Goodpasture, D. W.	1345	Haag, F. G.	22																																																																																																																			
Geers, T. L.	1049, 1315, 1420	Goodson, R. E.	814	Haan, D. E.	612																																																																																																																			
Gekker, F. R.	1330	Goodwin, W. A.	1345	Hackett, R. P.	1733																																																																																																																			
Gelfgat, V. I.	1316	Gordon, C. G.	580	Hafer, A. A.	944																																																																																																																			
Gelman, A. S.	1033	Gordon, D. F.	545	Haft, E. E.	1560																																																																																																																			
Genin, J.	1089, 1389, 1669 1979, 1991	Gordon, G. A.	498	Hagstrom, J.	1883																																																																																																																			
Genkin, M. D.	1497	Gorshkov, A. G.	442	Haight, E. C.	1170, 1980																																																																																																																			
Gens, M. B.	275	Gowda, R. M. S.	405	Haile, W. B., Jr.	296																																																																																																																			
George, P. J.	2009	Graff, K. F.	1403, 1746	Hajduk, D.	699																																																																																																																			
George Washington Univ.	1230	Graff, K. G.	433	Hakim, M. A. El	1272																																																																																																																			
		Gragg, C. D.	1713	Haley, J. L., Jr.	483																																																																																																																			
		Graham, B. B.	1624	Hall, B. M.	1143																																																																																																																			
		Graham, E. W.	1624	Hall, G. O.	884																																																																																																																			
Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2034																																																																																																												
Volume 4																																																																																																																								
Issue:	1	2	3	4	5	6	7	8	9	10	11	12																																																																																																												

Hall, H.	267	Heinrich, W.	1416	Hopkin, H. R.	269
Hall, O. J., Jr.	2031	Heinrichs, J. A.	297	Hopkins, J. B.	1467
Hamada, M.	931	Heitmeyer, R. M.	1237	Hori, Y.	1678
Hamann, F. H.	591	Heller, H. H.	44	Horning, W. A.	198
Hamilton, J. F.	164, 165, 458, 614	Heller, L. W.	1650	Hornung, K. G.	54
Hammer, A.	261	Heller, S. R.	528	Horton, C. W., Jr.	1085
Hammer, J. G.	273	Hemp, G. W.	1120	Horton, C. W., Sr.	661
Hammill, W. J.	11	Henderson, H. R.	845	Hoschke, M.	1491
Hammond, J. I.	1860	Henderson, J. P.	1577	Hoshiro, T.	97
Hammond, T. H.	1095	Hendshell, R. D.	1608	Hoskins, T. A.	1363
Hampton, P. L.	813	Henke, A. W.	1381	Hotos, G. K.	12
Handa, K. N.	1191, 1192	Henry, L. O.	880	Houghton, F. A.	1744
Handelman, G. H.	1949	Henshell, R. D.	837, 1803	Howe, M. S.	1050, 1697, 2010
Handoo, K. L.	527	Hentschel, G.	716	Howell, L. J.	111
Hanff, E. S.	1574, 2059	Herrmann, G.	554, 592, 785	Howlett, J. T.	650
Hanna, N. H.	868		898, 1954	Hsieh, D. Y.	1965
Hannam, R. G.	421	Herting, D. N.	736	Hsu, C. K.-C.	2064
Harder, R. L.	186	Herzing, K. A.	1070	Hsu, C. S.	1413, 1595
Hardin, B. O.	1262, 1461	Heuze, F.	480	Huang, C. L.	91
Harel, P.	1369, 1992	Hibben, L.	760, 906	Huang, J. C.	540
Hargest, T. J.	806	Hicks, D. R.	1225	Huang, N. C.	841
Harris, C. S.	1536	Higgs, R. W.	612	Huang, S. L.	678
Harris, E. T.	1743	Highley, F. M.	844	Huang, T. C.	105, 1415
Harris, J.	377	Highway Safety Res. Inst.	1052	Huang, W. N.	1670
Harris, W. F.	642	Higuchi, S.	372	Hubbard, H. H.	413
Harrison, H. D.	1900	Hillberry, B. M.	814	Huber, H.	853
Hart, F. D.	1019	Hillier, M. J.	651	Huber, T. V.	1557
Hart, G. C.	24, 104, 555, 560, 1202	Hilton, D. A.	845	Hubka, W. F.	2011
Harting, D. R.	1475	Hilton, D. J.	281	Hubner, W.	1176
Hartman, P.	304	Hillyer, D. F.	212	Huener, K. E.	1873
Hartman, W. F.	1161	Hine, M. J.	1105, 1485	Hueter, T. F.	1084
Hartmann, A. J.	1399	Hinsch, K.	378	Huilgol, R. R.	964
Hartung, R. F.	25	Hirosawa, M.	1734	Hullender, D. A.	1492
Hartwich, E.	2052	Hirsch, C.	268	Hunt, J. T.	925
Hartz, B. J.	596, 597	Hirsch, T. J.	1714, 1764	Hunter, J. L.	1966
Hartzman, M.	924	Hisada, T.	2045	Hunter, N. F.	232
Haskell, D. F.	1148	Hitch, H.	1342	Hurite, S. S.	1540
Hasselman, T. K.	104, 1202, 1219	Hite, G. C.	408, 1114	Hurst, C. J.	408, 1114
Hassig, H. J.	371	Ho, H. S.	751, 1460	Hurty, G. C.	24
Haug, E., Jr.	101	Hobbs, R. E.	779	Hurty, W. C.	560
Haxton, R. S.	1523	Hohenemser, K. H.	1808	Huseyin, K.	541
Hay, J.	1097	Hochheiser, R. M.	1545	Huston, R. L.	487
Hay, J. K.	879	Hockey, G. R. J.	857	Hutchens, W. A.	1170
Hayakawa, N.	652	Hoerner, J. B.	1350	Hutchinson, J. R.	627, 924
Hayek, S. I.	368	Hoffman, J. K.	1745	Hutter, K.	72, 2003
Hayes, G. G.	1714	Hohenemser, K. H.	850, 851, 852	Hwang, C.	174, 918
Haynes, J. S.	1553	Hohmann, P.	1465	Hwang, J. Y.	93
Hays, W. W.	943	Hohn, A.	984	Hyland, D. C.	530
Hazel, M. E.	1467	Hollien, H.	1258	Hyland, D. C.	1187
Hazell, C. R.	48	Hollings, J. P.	899		
Heard, W. L., Jr.	20, 1811	Holloway, D. C.	1100		
Heckl, M.	1050	Holmes, R.	1772, 2050		
Hedges, J. F.	296	Holmstrom, F. R.	1467		
Heebink, T. B.	123	Holowchak, J.	60		
Heidenreich, R. F.	1189	Holz, R.	1476		
Heikkila, P.	56	Hontschik, H.	1354		
Heimann, B.	911	Hooker, R. J.	1263		

Abstract Numbers: I-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Iakovlev, I. V.	1561	Johns, D.J.	468, 1321, 1326, 1361	Kass, G.J.	1684
Ibanez, P.	512, 1618	Johnson, A.F.	600	Kato, B.	1910
Ibrahim, A.M.	539	Johnson, C.	925	Kato, M.	875
Ibuki, Y.	385	Johnson, C.N.	164, 165	Kato, S.	1747
Idriss, I.M.	1911	Johnson, G.E.	499	Katra, T.S.	939
Ignaczak, J.	35	Johnson, H.K.	1736	Katte, H.	459
Iguchi, M.	2049	Johnson, K.L.	1546	Katz, W.M.	1736
Imbeault, F.A.	1685	Johnson, N.E.	1150	Kaufman, K.A.	54
Ingard, U.	945	Jonckheere, R.E.	5	Kawaguchi, O.	2045
Ingenito, F.	1053	Jones, A.J.	1915	Kawai, R.	2056
Inoue, J.	170	Jones, A.T.	250	Kawamoto, M.	385
Inst. for Rapid Transit	152	Jones, C.D.	425	Kawano, K.	522
Irie, T.	1250	Jones, C.E.	180	Kayser, G.	1753
Irvine, A.R.	703	Jones, D.I.G.	1916, 1974	Kazhis, R.I.Yu.	1271
Isay, W.H.	1735	Jones, D.S.	572	Kazin, S.B.	1545, 1921
Isenberg, J.	1967	Jones, G.	878	Keck, H.E.	436
Ishihara, K.	1868	Jones, G.K.	662	Keefe, R.E.	1138
Isyumov, N.	122	Jones, L.B.	1072	Keegan, W.B.	233
Itami, M.I.	1850	Jones, N.	364, 663, 982, 1709	Keer, L.M.	673, 1512
Itao, K.	1499	Jones, R.	141	Keller, A.C.	816
Itou, S.	1254	Jones, R.R.	1393	Keller, J.B.	36
Ivey, D.L.	1173, 1662, 1714, 1764	Jones, T.C.	567	Kelly, R.D.	724
Ivovich, V.A.	1871	Jones, T.O.	1468, 1469	Kemp, W.B., Jr.	1422
Iwan, W.D.	551, 1256, 1424, 1606	Jong, J.M.	1194	Kempel, R.W.	270
Iwata, K.	132	Joseph, J.A.	736	Kempner, J.	339
Iwata, T.	2045	Juarez, J.A.G.	1127	Kennedy, R.	288
Iwatsubo, T.	1868, 2056	Junger, M.C.	1671	Kerlin, R.L.	398, 633, 1672
iyengar, N.G.R.	825, 978, 1981	Jurkat, M.P.	1924	Kerney, K.P.	628

K

Jabbour, K.N.	737	Kabakow, H.	1216	Khabbaz, G.R.	147
Jackson, C.E.P.	858	Kacena, W.J.	199	Khanna, S.M.	687, 1500
Jackson, J.G., Jr.	1834	Kadlec, J.	717	Khar'kova, N.V.	993
Jackson, T.M.	1071	Kaiser, E.	1491	Khazin, L.G.	920
Jacobs, W.R.	1573	Kalfayan, S.H.	1745	Khomyakov, V.S.	1122
Jacquot, R.G.	1862	Kalnins, A.	1317, 2013	Khoroshev, G.A.	1627
Jain, D.L.	946, 1625	Kalra, R.D.	86	Khozeimeh, K.	133
Jain, R.K.	2012	Kameda, H.	1450, 1451	Kim, Y.	1863
Jakob, H.	1549	Kamel, H.A.	161, 1789	Kim, Y.S.	664, 1106
James, B.F.	680	Kan, S.G.	1561	King, A.I.	859, 1739
Jamison, N.K.	1101	Kana, D.D.	1193	King, B.J.	1630
Jan, C.M.	1301, 1690	Kanipe, J.F.	380	King, D.B.	939
Jankovich, J.P.	1903	Kanki, H.	2056	King, W.W.	1980
Jansson, E.V.	346	Kanwal, R.P.	946, 1625	Kinsley, R.L.	1186
Jeng, D.C.	1756	Kanzaki, K.	1499	Kirk, C.L.	112, 1335
Jennings, P.C.	1909	Kao, G.	177	Kirk, R.G.	1564
Jenssen, D.N.	1022, 1748	Kao, K.H.	594	Kirkhope, J.	1046
Jessel, M.J.M.	1993	Kaplan, P.	1055	Kirkwood, B.R.	1280
Johannessen, H.G.	1765	Kapoor, M.P.	312	Kirshov, V.A.	1238
		Karnopp, D.	13	Kishida, K.	972
		Karpinski, W.	1278	Kitamura, K.	1572
		Kartavenko, A.I.	1238	Kitchen, J.W.	64
		Kashay, A.M.	1365	Kiyama, Y.	2049
				Klamp, W.K.	1554
				Klee, B.J.	970

Abstract
Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Klein, S.....	453	Kulkarni, S. V.....	1667, 1837	Lazutkin, V. N.....	1333, 1711
Klein, V.....	271	Kulla, P.....	1108	Leahy, E.J.....	1835
Kleinhanss, G.....	1538	Kundert, W. R.....	1267	Leasure, W.A.....	1275
Klinger, F.....	1265	Kunieda, H.....	1885	Leckenby, R. E.....	407
Klopfenstein, H.S.....	1713	Kunitsyn, A. L.....	305	Leckie, G.G.....	1588
Klosner, J. M.....	1394, 1886	Kunukkasseril, V. X.....	431, 434, 1897	Lee, B. H. K.....	1343
Klosterman, A. L.....	192, 783, 1429	Kuo, C. P.....	494	Lee, B. L.....	590
Klove, E. H.....	1766	Kurosaka, M.....	758	Lee, J. D.....	1109
Klyachkin, V. I.....	1319	Kurz, K.....	1525	Lee, J. M.....	1293
Knapp, L. J.....	70	Kurze, U. J.....	515, 1994	Lee, J. P.....	416
Knight, C. J.....	1594	Kuusinen, L. R.....	736	Lee, K. M.....	1675
Knight, R. E.....	1026	Kwiatkowski, A. W.....	868	Lee, L. H. N.....	998
Knight, W. A.....	1121			Lee, P. C. Y.....	23, 629, 1131
Ko, S. H.....	466, 1459			Lee, S. Y.....	400, 561
Ko, W. L.....	1193	L		Lee, T. H.....	1175, 1595
Kobayakawa, M.....	1579			Lee, T. W.....	81
Kobayashi, A. S.....	618			Leech, C. M.....	1673
Kobayashi, H.....	2041			LeGrow, J. V.....	158
Kobayashi, S.....	443	LaBerge, J. G.....	1574, 1665, 2059	Lehman, T. J.....	1227
Koch, J. E.....	251	Lai, J. L.....	73, 106	Lehnigk, S. H.....	37
Koch, L. G.....	870	Lakhe, A. I.....	1790	Lehnoff, T. F.....	2009
Kodymskaya, E. S.....	460	Lakhov, G. M.....	1781	Leibowitz, R. C.....	205, 1226
Koebke, R. H.....	665	Lakis, A. A.....	181, 252, 253, 1698	Lemke, D. G.....	1391
Koizumi, Y.....	1734		2016, 2019	Lemon, J. R.....	192
Kojima, M.....	1255	Lakshmikantham, C.....	276	Lenard, J. M.....	1912
Kolk, F. W.....	1726	Lal, G. K.....	651	Lenonov, J. P.....	1815
Komatsu, S.....	2041	LaLumiere, L. P.....	1614	Leon, P.....	1757
Komraz, L. A.....	415	Lambert, D. G.....	1249	Leonard, D. R.....	1077
Koplak, B.....	1518	Lambert, P.....	1757	Leonard, G. A.....	604
Koppelman, J.....	390	Lambert, R. F.....	1978	Leonard, J. W.....	979
Kordysh, L. M.....	1122	Lambert, R. L.....	1789	Lesueur, C.....	967
Kornecki, A.....	1179, 1180	Lambourion, J.....	1369	Leverton, J. W.....	1534
Kornev, V. M.....	991	Lammlein, D.....	1831	Levin, L.....	1699
Kot, C. A.....	419	Lamonica, J. A.....	479	Levinson, M.....	1937
Kovacs, L. M.....	1988	Lance, G. M.....	1602	Levit, M. E.....	888
Kovbasa, G. T.....	981	Landgrebe, A. J.....	137	Levy, R.....	542
Kozhevnikova, S. N.....	1017	Lane, J. W.....	1855	Lew, H. S.....	1740
Kozin, F.....	713	Lane, S. R.....	581	Liao, E. N. K.....	666, 1700
Krajcinovic, D.....	238, 1107, 1513	Langeland, T.....	486	Licht, L.....	889, 890, 1661
	2014, 2015	Langhaar, H. L.....	2062	Lidskii, V. B.....	1874
Kramer, E.....	1784	Lankford, J., Jr.....	813	Lieberman, S.....	39
Kramer, W.....	2053	Lansing, D. L.....	413	Liem, S. D.....	48
Krawinkler, H.....	1151	Lapinski, W. L.....	1392	Light, D. J.....	1266
Kreim, W. J.....	1141	Laptev, Yu. N.....	1749	Likhovid, P. I.....	768
Krey, G.....	756	Larmour, R. A.....	381	Likins, P. W.....	333
Krieg, R. D.....	1884	Larsen, R. S.....	148	Lim, G. G.....	1632
Krishnappa, G.....	1371	Larson, R. L.....	218	Limbert, F. J.....	821
Kristiansen, U. R.....	614	Lashkari, M.....	454, 2017	Lin, M. S.....	1780
Krivonogov, G. S.....	1840	Latham, G. V.....	1831	Lin, Y. K.....	111, 1866
Kromushkin, A. V.....	442	Laura, P. A.....	553, 1986	Lindberg, G. M.....	320, 426
Krupka, R. M.....	638	Laurenson, R. M.....	1117, 1436	Lins, W. F.....	811
Kubo, A.....	97	Lautenschlager, R.....	1176	Lippmann, S. A.....	1626
Kudrewicz, J.....	912	Law, E. H.....	508	Little, R. M.....	891
Kuehlborn, H.....	1018	Law, R. M.....	1477	Litvak, V. I.....	386
Kuhlborn, H.....	1200	Lawrence, A. J.....	894	Liu, C. H.....	1864
Kulagina, V. A.....	1164	Lawrence, E. G.....	1643	Liu, C. L.....	401
Kulkarni, G. G.....	1346	Lawton, B. W.....	1537	Liu, D.....	161
		Layher, J. P.....	262, 1400		

Abstract
Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue:	1	2	3	4	5	6	7	8	9	10	11	12
--------	---	---	---	---	---	---	---	---	---	----	----	----

Liu, S.C.	1908	Mains, R.M.	175	McCaffrey, R.J.	1399
Liu, Y.N.	291	Maginness, M.G.	619	McCarter, O.T.	1469
Livshits, B.G.	1840	Makino, T.	1472	McCarty, J.L.	1340
Lo, C.C.	1982	Mal, A.K.	352	McClelland, J.E.	695
Lockheed Missiles and Space Co.	1616	Malanowski, A.J.	1502	McCloy, D.	1493
Lock, A.C.	1334	Malhotra, M.M.	1048	McConnel, R.E.	1347
Locke, W.S.	866	Maling, G.C., Jr.	1270	McConnell, K.G.	1093
Loden, W.A.	1786	Maloney, J.G.	531	McCormick, C.W.	334, 1814
Logan, J.D.	258	Mangiante, G.A.	1993	McDaniel, D.M.	286
Lombard, G.L.	617	Mangiarotti, R.A.	166	McDaniel, T.J.	258, 1887
Loo, T.C.	68	Manning, J.E.	901, 1398	McDonald, D.	326
Lopes-Pereira, C.A.	1006	Manning, T.A., Jr.	19	McElhaney, J.H.	881
Lopez, L.A.	568	Manson, L.	39, 40	McGehee, J.R.	1117
Lopore, J.A.	7	Mansour, M.N.	738	McGovern, D.J.	449, 1894
Lorenzini, D.A.	1683, 1917	Mansour, W.M.	1409	McGrath, W.B.	191
Lorenzo, C.F.	55	Mao, M.	6	McHugh, F.J.	1913
Lou, Y.K.	1886	Marcal, P.V.	313	McIntosh, S.C., Jr.	1181
Louden, M.M.	613	Margolias, D.S.	445, 2017	McIvor, I.K.	89, 1322
Loukakis, T.A.	1778	Margolin, V.S.	1407	McKechnie, R.E.	1658
Lovesey, E.J.	679	Mariano, S.	417, 1859	McKenna, J.	75
Lowe, F.G.	282	Marine Engr. Naval Arch.	537	McKinnon, M.A.	764
Lowery, R.I.	1081	Marine and Naval Arch.	896	McLean, A.D.	696
Lowery, R.L.	601, 1154, 1223	Mark, W.D.	1452	McLean, R.F.	1596, 1761
Luckel, J.	854, 1176	Markowitz, J.	1779	McMunn, J.C.	692
Luco, J.E.	1578	Markus, S.	1983	McNiven, H.D.	1110
Ludwig, E.F.	225	Marquis, D.P.	725	McPike, A.L.	2036
Lukas, J.S.	860	Marteney, E.R.	1267	Mead, D.J.	1486
Lull, W.R.	1930	Martens, H.R.	1946	Mechler, M.V.	661
Lund, D.M.	292	Martin, H.	905	Meek, J.W.	915
Lund, J.W.	1565	Martin, J.B.	365, 532, 900	Megget, L.M.	563
Lundergan, C.C.	41	Martin, P.S.	1502	Mei, C.	1888
Lundergan, C.D.	84	Martins, H.	74, 246, 932	Mei, C.C.	374
Lundholm, G.	239, 409	Marx, M.H.	1187	Meingast, J.	1554
Luo, S.	749	Masri, S.F.	539, 1524	Meinke, P.H.	1212
Luukkala, M.	56	Massoud, M.F.	562	Meirovitch, L.	1043
Lynn, P.P.	1047	Mathews, A.T.	367	Meisenholder, S.G.	697, 1168, 1169
		Mathis, O.	1195	Melliere, R.A.	1117
		Matsubayashi, T.	1747	Mellsen, S.B.	1073
		Matsushima, Y.	1734	MELPAR - an American Standard Company	1374
		Matsuzak, Y.	443	Meltzer, G.	226
		Matsuzaki, Y.	14	Melvin, J.W.	881
		Matthiesen, R.B.	512	Mengi, Y.	1110
		Mattis, O.L.	130	Mente, L.J.	1132
		Matula, P.	187	Mercer, C.A.	66
		Maull, D.J.	110	Mercier, J.	1573
		Maunder, L.	129, 1773	Merkle, R.G.	209
		Maurizi, M.J.	553	Mertz, E.	1273
		Maybee, J.S.	1089, 1389	Merz, E.	1094
		Mayers, J.	85, 92, 1701	Messal, E.E.	1566
		Mayes, W.H.	848	Meteer, C.L.	822
		Maymon, G.	994	Metropolis, N.	1797
		Mays, J.R.	745	Metz, L.D.	933
		Mazelsky, B.	1002	Michalopoulos, C.D.	1809
		Mazzella, T.A.	60	Michaud, G.H.	171
		McAuliffe, D.R.	1860, 1976	Michelini, R.C.	637
		McBurnett, J.R.	601		
		McCabe, J.T.	1676		

M

Mabie, H.H.	408, 1114				
Macinante, J.A.	1235				
Mackay, G.M.	1555				
MacKinder, J.A.	859				
MacNeal, R.H.	186, 334, 543, 736				
Maeda, H.	1579				
Magee, J.P.	1392, 1913				
Maglieri, D.J.	845				
Magliozzi, B.	456				
Magrab, E.B.	2018				
Maheshwari, R.	377				
Mahig, J.	1570				
Mahmood, P.	42				
Maiden, D.E.	618				
Mainali, P.C.	179				

Abstract Numbers: I-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Michie, J.D.	1762	Morrow, B.W.	1037	Nataraja, R.	1321
Middleton, D.	113	Morrow, C.T.	219, 1096	Natl. Aeron. and Space Admin.	1782
Mikhailov, R.N.	1316	Morrow, P.F.	1857	National Bur. Standards	1231
Milan, D.	967, 1699	Morse, I.E., Jr.	1404	Natke, H.G.	1478
Miles, B.	615	Mortimer, R.W.	667, 1984	Naumann, E.C.	838
Miles, J.H.	1442	Moseley, N.R.	772	Nayak, P.R.	1455
Miller, P.M.	1556	Moses, F.	773, 1259, 1260	Nayfeh, A.H.	1898
Milner, J.L.	1170	Mote, C.D., Jr.	15, 1515, 1904	Neal, T.P.	114
Milsted, M.G., Jr.	564	Motherway, D.L.	528	Neale, B.K.	1803
Min, G.B.	1213	Mozer, D.T.	257	Nechleba, M.	1303
Mindlin, R.D.	995, 1514	Mueller, R.A.	356, 357	Neelakantan, C.R.	469
Minzner, W.R.	1921	Mugridge, B.D.	151, 1373	Neeland, R.P.	1917
Mischke, C.R.	718	Muhlstein, L., Jr.	1080	Neeley, V.I.	815
Mitchell, C.E.	1140	Muldoon, T.L.	479	Nefske, D.J.	1660
Mitchell, C.G.B.	1344	Mullen, J., Jr.	1701	Neimark, I.I.	1925
Mitchell, M.	230	Muller, J.L.	467	Neitzel, R.E.	759
Mitchell, R.	1217	Muller, P.C.	1176	Nekipelov, M.I.	2037
Mitschke, M.	1336	Munch, C.L.	1156	Nelsen, M.D.	2031
Miura, H.	1057	Mundell, R.L.	479	Nelson, D.B.	57
Mixon, J.S.	838	Munson, D.E.	1638	Nelson, D.J.	1395
Miyake, H.	1356	Murch, E.	1589	Nelson, F.C.	139, 1137
Miyashita, M.	1541	Murdock, J.W.	602	Nelson, H.D.	630
Miyata, K.	931	Murotsu, Y.	830	Nelson, I.	587
Miyata, M.	373	Murphy, D.A.	1239	Nelson, N.R.	425
Miyaura, S.	170	Murphy, J.R.	356, 357	Nelson, R.B.	86, 94, 906, 2006
Mochizuki, H.	1758	Murphy, R.W.	942	Nemat-Nasser, S.	314
Modern Plastics.	1454	Murray, T.M.	533	Nemec, I.	869
Modrey, J.	171	Murthy, P.N.	825, 978, 1981	Nepomuceno, L.X.	1440, 1817, 1850
Moh, T.-C.	1833	Murty, A.V.K.	430	Neppiras, E.A.	1647
Mok, C.H.	570	Muth, D.V.	234	Nesserth, D.L.	423
Mole, L.A.	1966	Muthiyalu, N.	2020	Nesserth, D.L.	1133
Monaghan, D.A.	676	Muto, K.	2046	Neubert, V.H.	182, 926
Monk, R.G.	582, 690	N			
Monroe, R.E.	951	Nachbar, W.	1194, 1704	Nevada Operations Office	342
Monselle, D.	874	Nachtigal, C.	1542	New, R.	1441
Montegani, F.J.	1439	Nagabhusanam, J.	535	Newfell, T.	1467
Monteith, H.C.	1884	Nagaraj, V.T.	469, 536	Newland, D.E.	2057
Montgomery, D.C.	571	Nagel, R.T.	1351	Newman, A.V.	1053
Moody, M.L.	930, 1013	Naghieh, M.	368, 369	Newmark, N.M.	2047
Moon, F.C.	996	Nagy, A.	1193	Ng, S.F.	1346
Moore, C.J.	1372	Nahavandi, A.N.	1754	Nhan, N.T.	1995
Moore, D.W.	1604	Naik, T.B.	1580	Ni, C.C.	262, 620, 1400
Moore, L.S.	1774	Nair, P.S.	325	Nichols, J.M.	680
Morales, W.J.	1932	Nakagawa, K.	830	Nickell, R.E.	910, 1787, 1820, 1854
Morduchow, M.	1423	Nakai, E.	227	Nickerson, E.H.	781
Moreira, N.M.	1355	Nakamura, A.	1240, 1447	Niebylski, L.M.	1482
Morelli, G.	973	Nakamura, Y.	1831, 1910	Nielsen, L.E.	590
Morfey, C.L.	151, 1373, 1750, 1956	Nakra, B.C.	402, 404, 1453	Nigam, N.C.	534
Morgan, Y.G.	1004	Nalezny, C.L.	168	Nigul, U.K.	1790
Mori, A.S.	1276, 1723	Nara, S.	1029	Nikiforov, A.S.	1282
Morita, T.	227	Nash, W.A.	668, 1320	Nikodem, Z.	669, 1131
Morito, J., III	1144	Nashif, A.D.	206, 1577	Nishida, T.	1487
Morkovin, M.V.	30				
Morley, T.A.	1124				
Morris, B.L.	1075				
Morris, D.M., Jr.	200				
Morris, P.	428				

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2034
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Nordlin, E. F. 1337, 1715
 Nordling, D.A. 1646
 Nordyke, M. D. 588
 North, P. T. 1470
 North Amer. Rockwell Corp. 1615, 1732
 Northeastern Illinois 471
 Novacek, P. 984
 Novak, M. 893
 Novak, W. 716
 Nowroozi, A.A. 950
 Nyquist, G.W. 1716

○

Obermeier, F. 670
 O'Callaghan, J. F. 1943
 O'Connor, J. S. 1166
 Oden, J. T. 556, 776, 1791, 1607
 Ogawa, K. 1689
 Oglesby, R. N. 1766
 O'Hare, G. J. 1926
 Ohlmer, E. 717
 Ohno, T. 1024
 Oien, M. A. 1852
 Oil and Gas Journal 608
 Okada, A. 1356
 Okamoto, S. 1734
 Okumura, A. 2049
 Olbert, J. R. 1095
 Ollerhead, J. B. 27, 502, 1157
 Olsen, N. 230
 Olsen, W. A. 1442
 Olson, M. D. 48, 320, 426, 927
 Olson, N. 1247
 Olson, W. A. 1141
 Olsson, U. 1969
 Oltmans, D. L. 1251, 1835
 Omatsuzawa, K. 2045, 2046
 Omid'varan, C. 544
 Oran, C. 1605
 Orlandea, N. 331, 1617
 Orlik-Rueckemann, K.J. 1574
 1665, 2059
 Ortn, F. 716
 Ostrem, F. E. 196
 O'Sullivan, M. J. 87
 Oswatitsch, K. 1727
 Ottis, J. V. 232
 Ovenshire, L. J. 1322
 Oyler, J. F. 1516

P

Paas, J. E. 1921
 Padakkannaya, R. 639
 Padovan, J. 88
 Pagano, N.J. 1837
 Page, D.G. 578, 2051
 Paidoussis, M. P. 181, 252, 253
 293, 671, 2018, 2019
 Paipetis, S. A. 975
 Pal, D. 1039
 Palacol, E. L. 1889
 Palaninathan, B. 431
 Palm, J. E. 816
 Pandalai, K.A.V. 341, 404, 432, 2023
 Pande, P.C. 312
 Panfilov, D. F. 1752
 Pao, S. P. 583
 Pao, Y. H. 72
 Papanicolau, G. 36
 Paramonova, S. N. 1623
 Paranjape, S. V. 30
 Parin, M. L. 1974
 Park, A. C. 1185
 Park, K. C. 1038
 Park, R. 563
 Parker, R. 584, 1934
 Parkin, P. H. 387
 Parkinson, A. G. 1388
 Parks, J. G. 210
 Parks, P. C. 1218
 Parmenter, W. W. 229
 Parrish, R. V. 714
 Parry, H. J. 585
 Parry, J. K. 585
 Parszewski, Z. 1775
 Parthan, S. 468
 Passerello, C. E. 487
 Pasta, J. R. 1797
 Pastorius, W. J. 505, 1470
 Pate, C. C. 1145
 Patel, J. S. 739
 Patrick, L. M. 1716
 Pattabiraman, J. 329, 422
 Paul, A. S. 814
 Paul, B. 1408
 Paul, H. S. 2020
 Paul, I. L. 1905
 Paullin, R. L. 882
 Pavagadhi, L. J. 1702
 Payan, G. 967, 1699
 Paz, M. 130, 1195
 Pearson, K. S. 1376
 Peart, J. R. 1557
 Peck, J. C. 1889

Pedersen, M. A. 545
 Pei, R. Y. 489, 490
 Pendleton, L. R. 298
 Pengelly, M. 45
 Penny, J. E. 548
 Penrod, D. D. 1203
 Penzes, L. E. 1703
 Penzien, J. 595
 Perangelo, H. J. 1619
 Perret, W. R. 1636
 Perrin, R. 455, 1000
 Perry, A. E. 1471
 Persin, W. J. 821
 Perull, M. 1369
 Perulli, M. 1992
 Pervyshin, V. G. 491
 Peschke, W. 96
 Peters, S. 149
 Peterson, H. C. 1026
 Peterson, L. A. 800
 Peterson, R. H. 1264
 Petrenko, T. P. 1430
 Petrov, Yu. I. 1627
 Petrucciani, N. 763
 Pettersen, J. W. E. 895
 Peyzner, Ya. 516
 Pflug, J. A. 1767
 Phillips, E. A. 507
 Phillips, J. W. 1139, 1985
 Phillips, N. S. 861
 Phung, C. H. 540
 Pi, W. S. 174, 918
 Pian, T. H. H. 557, 2063
 Piarulli, V. J. 277
 Pickel, T. W. 2048
 Pickett, G. F. 1971
 Pieck, M. H. 160
 Pierce, S. R. 1163
 Pierce, W. H. 549
 Pierson, B. L. 1603
 Pilkey, W. D. 159, 909, 1042, 1054
 Pinkel, B. 1406
 Pinson, L. D. 567
 Piszczeck, K. 1961
 Pitimada, D. 287
 Piziali, R. L. 1904
 Platzer, M. F. 1182
 Plaut, R. H. 178, 1800
 Plunkett, R. 207
 Poche, L. B., Jr. 1257
 Polacek, M. 869
 Polin, B. 347
 Politch, J. 1659
 Pollack, M. L. 1394
 Pollard, E. I. 1297
 Polma, F. 1171
 Polyakov, V. S. 1298

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Polyakova, N.I.	1781	Raichel, D.R.	1652	Rinehart, S.A.	2021
Pomazal, R.J.	1	Rains, C.P.	812	Ripken, J.F.	652
Pontier, M.	1755	Raju, P.N.	469, 535	Ristau, H.	1718
Ponzi, U.	973	Ramacah, G.K.	2027	Robbins, C.D.	621
Pool, D.J.	1902	Ramchandran, J.	1705	Robbins, D.H.	389, 1380, 1381
Pope, L.D.	901	Ramakrishnan, C.	1880	Roberds, R.M.	115
Popelar, C.H.	1290	Ramamurti, V.	422	Roberts, G.F.	1142
Popescu, N.D.	76, 1283	Ramesh, C.K.	536	Roberts, J.B.	1654, 1938
Poplawski, J.V.	1289	Raney, D.F.	1381	Roberts, J.W.	1434
Popov, E.P.	1151	Raney, J.P.	188	Roberts, T.A.	1044, 1414
Popplewell, N.	150, 326	Rangaiah, V.P.	182	Roberts, V.L.	389, 1380, 1381
Porat, I.	521	Ranganath, S.	631	Robertson, L.E.	122, 1914
Porter, F.L.	1998	Rao, A.K.	255, 448	Robertson, S.	980
Post, E.R.	1768	Rao, B.P.	1001	Robertson, S.J.	295
Powell, D.E.	284	Rao, C.L.A.	301	Robertson, S.R.	135, 183, 1865
Powell, G.H.	1998	Rao, C.V.	255	Robinson, D.W.	681
Power, H.M.	52	Rao, G.V.R.	524	Robson, J.D.	157
Prabhu, K.S.	327	Rao, H.V.S.G.	1397	Rochester Applied Science	
Prabhu, M.S.S.	452	Rao, J.S.	395	Assoc., Inc.	1737
Prager, W.	313, 1704	Rao, S.K.	1001	Rodden, W.P.	186
Prasad, P.	1739	Rao, S.S.	1057, 1728	Rodriguez, D.A.	1898
Prasad, S.N.	554	Ratcliffe, H.	1751	Roehm, L.H.	1015
Prause, R.H.	220	Rau, H.	883	Roessel, J.M.	1462
Press, F.	1831	Rauch, J.	1375	Rogers, L.C.	2054
Pretlove, A.J.	1532	Rausche, F.	1259, 1260	Rohani, B.	1821
Price, A.J.	458, 1825	Ravera, R.S.	1456	Roizman, V.P.	888
Pritchard, A.J.	1218	Raynor, S.	965	Rolek, L.S., Jr.	107
Prochaska, B.J.	546	Rea, D.	477	Romanelli, E.	553, 1986
Proskuriakov, A.P.	308	Recker, W.W.	979, 1810	Romanov, V.N.	1323
Pruyn, R.R.	351	Reddy, D.V.	8, 429	Ronneberger, D.	646, 1996
Pryor, T.R.	1470	Reddy, K.R.	1897	Ronter, A.R.S.	900
Pshenichnov, G.I.	1792	Reding, J.P.	1178, 1575	Roorda, J.	541, 1933
Pujdowski, E.	1558	Reed, J.R.	548	Rose, A.J.	1146
Pulgrano, L.	1923	Reed, R.P.	609, 1638	Rose, J.F., Jr.	359
Pulling, N.H.	388	Rees, P.L.	66	Rose, J.L.	667, 1984
Punatar, M.K.	1145	Reid, S.R.	1633	Rose, R.M.	1905
P'yannov, V.M.	1623	Reis, J.J.	610	Rosen, R.	21
Q					
Quinn, J.F.	463	Reiss, E.	414	Rosenberg, G.S.	241
R					
Racicot, R.W.	773	Reitz, E.S.	435, 444	Rosenthal, F.	1926
Rader, D.	6	Remington, P.J.	1134	Ross, A.J.	1146, 2038
Rades, M.	403	Renger, A.	774	Ross, C.A.	247, 954
Rades, M.	997	Renneker, D.N.	1722	Ross, H.E., Jr.	1173, 1768
Radhakrishnan, R.	384	Revie, J.	45	Ross, R.	1265
Radin, E.L.	1905	Reynolds, D.D.	1357	Ross, R.G., Jr.	2
Radke, A.O.	884	Reynolds, J.	1361	Rothman, H.	1258
R					
Rhee, S.S.		Rhodes, M.	297	Rovster, L.H.	184
Rhodes, M.A.		Rhodes, R.A.	1258	Rowe, W.S.	1144
Rice, C.G.		Richards, E.J.	862	Royer, J.	1481
Richards, T.H.		Richards, T.H.	789	Royster, L.H.	50, 319, 332
Richardson, H.H.		Richardson, H.H.	1363	Rozenvasser, E.N.	1208
Richardson, J.D.		Richardson, J.D.	1492, 1951	Rubin, C.	162, 2060
Ries, J.P.		Riesenberg, K.O.	1457	Rubin, C.A.	956
Riley, T.A.		Riley, T.A.	1869	Rubin, H.	678
Rimbev, D.H.		Rimbev, D.H.	1336	Rubinstein, M.F.	1044
Rin, K.		Rin, K.	49	Rucker, C.E.	235, 644
R					
Rudger, F.F., Jr.		Rudger, F.F., Jr.	101	Rudder, F.F., Jr.	780
Rudgers, A.J.		Rudgers, A.J.	101	Rudgers, A.J.	1628

Abstract Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Rudisill, C. S.	272	Saravanamuttoo, H. I. H.	757	Schultz, A. B.	77
Rudolf, C. D., III	1304	Sardella, G.	1099	Schultz, T. J.	798, 2032
Ruhl, R. L.	160, 1567	Sargent, T. P.	335	Schumann, J.	1269
Rulf, B.	1062	Saric, W. S.	1898	Schuyler, D. R.	1972
Ruminer, J. J.	89	Sarma, G. N.	713	Schwarz, R.	885
Runyan, H. L.	413	Sarrazin, M. A.	1462	Schwarzenbach, A.	947
Rushing, H. B.	616	Sathikh, S. M.	61	Schweitzer, G.	1176
Russell, M. F.	876	Sathyamoorthy, M.	341, 432, 2023	Schwirzer, T.	1034
Rutledge, J. R.	184, 934	Sato, H.	2045, 2049	Scott, H. L.	677
Rutman, J.	259	Sato, K.	1472, 2024	Scranton, R. S.	861
Ryall, A.	353	Sato, N.	1747	Scruton, C.	26
Ryan, R. L.	1517	Sato, S.	97	Seibold, J. G.	348
Rybak, S. A.	2022	Saunders, D. J.	1915	Seed, H. B.	1911
Rylander, R.	789, 863, 1957	Saunders, H.	1135	Seibert, A. G.	606
Rzant, A. W.	1270	Savkar, S. D.	418	Seiffert, U.	62
S					
Saadat, H.	1882	Sawaragi, T.	132	Seiffert, U. W.	817, 1717, 1718
Sabir, A. B.	16, 1334	Sawley, R. J.	1307	Seireg, A.	1232
Sabodash, P. F.	1890	Sayer, B. A.	823	Sekas, N.	1731
Sachs, H. K.	17	Scanlan, R. H.	525	Selezov, I. T.	981
Sacks, M. P.	2030	Scanlon, R. H.	128	Selma, L.	727, 902
Saczalski, K. J.	105, 1038, 1415	Scars, G.	1020	Selma, L. G.	512
Sadek, M. M.	144	Scavuzzo, R. J.	752, 2058	Seltzer, S. M.	739
Safeer, H. B.	882	Schaeffer, H. G.	701	Semeniuk, A.	1495
Safwat, H. H.	1305	Schaffar, M.	1891, 1892	Semmelink, A.	1826
Sagartz, M. J.	1695	Schagrin, E. B.	1913	Senator, M.	641
Sahay, K. B.	1712	Schaller, R. J.	1984	Senda, K.	972
Saibel, E.	156, 517	Scharton, T. D.	901, 1406, 1611	Serendipity Assoc.	193, 194
Saibel, E. A.	1559	Schaub, U. W.	1724	Serendipity Inc.	350, 510, 520, 1028
Saini, S. S.	1048	Scheiman, J.	1597	Seshadri, T. V.	1081, 1154
Sainsbury, M. G.	176	Scheuerman, H.	1382	Setlur, A. V.	312
Sakaguchi, R. L.	1220	Schiehlen, W.	1176	Sevin, E.	569
Sakata, O.	145	Schiff, A. J.	1431, 1432	Sevodin, E. P.	1561
Salerno, C. M.	1688	Schiffner, K.	968	Sevy, R. W.	116
Salinas, D.	727	Schlack, A. L., Jr.	1324	Sewall, J. L.	714
Sallet, D. W.	242	Schlafer, J. L.	1899	Shadrin, G. S.	1752
Salvioni, L.	645	Schlecht, G.	974	Shah, A. A.	477
Salzer, M.	1741	Schlegel, R. G.	1156	Shah, A. H.	1880
Samson, A.	1677	Schlereth, F. H.	1851	Shang, J. C.	285
Samsury, D. R.	1126	Schmid, L.	1354	Shankar, P. N.	1443, 1444
Samuelson, G. S.	90	Schmidt, G.	1416	Shapiro, W.	410
Sanders, J. L., Jr.	1284	Schmidt, G. H.	1325	Shappert, L. B.	703, 706
Sanders, N. D.	1241	Schmidt, R. F.	867	Sharland, I. J.	506
Sandford, R. W.	1913	Schmitz, R. P.	705	Sharma, C. B.	1326
Sandler, I.	587	Schoenster, J. A.	470	Shatashvili, S. K.	1793
Sandler, I. S.	1644	Scholl, R. E.	1012	Shaw, E. A. G.	1247
Sandman, B. E.	91	Schomer, P. D.	1204	Shaw, L. M.	1927
Sandover, J.	1539	School, R.	762	Shaw, M. C.	985
Sandweg, G.	1176	Schopf, H. G.	69	Shaw, R. P.	362, 373, 379, 446, 792
Sankar, T. S.	131, 1464	Schramm, R. E.	609	Shedlowsky, J. D.	1769
Sanlorenzo, E.	96	Schroll, K. R.	1645	Sheehan, J. P.	2025
Sanovskii, K. D.	1839	Schroll, R. E.	2043	Sheldon, C.	913
		Schryer, N.	1958	Sheldon, D. F.	526
		Schubert, L. K.	790, 791	Shelton, M. T.	531
		Schueller, G. I.	753	Shenderov, E. L.	447
		Schuler, R. T.	1590	Shenhar, A.	481
		Schuller, F. T.	1288	Shepherd, R.	472, 1347, 1947
		Schultheiss, P. M.	1445	Sheth, P. N.	1294

Abstract
Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Shibahara, M.	1255	Skop, R.A.	262, 620	Star, R.D.	59
Shibata, H.	1306	Slibar, A.	2055	Starobinskii, R.N.	1997
Shibata, H.	2045, 2049	Sliter, G.E.	1695	Starshinskij, W.M.	315
Shieh, R.C.	640	Sloan, R.C.	802	Stayner, R.M.	700
Shien, R.C.	607	Small, N.C.	93	Stayner, R.M.	281
Shigeta, T.	2049	Smalley, A.J.	1365	Stearman, R.O.	1729
Shih-chi, L.	799	Smith, A.J., Jr.	1339	Steele, C.R.	1895
Shimamura, S.	707	Smith, C.B.	512	Stein, M.	1005, 1896
Shimizu, H.	63	Smith, C.E.	1861	Steiner, E.	1116
Shimizu, K.	1708	Smith, D.A.	331	Stepanishen, P.R.	1599
Shimizu, N.	1306, 1832, 2049	Smith, G.R.	1540	Stephens, L.E.	871
Shinizuka, M.	1301	Smith, H.V.S.	500	Stevens, G.W.H.	1730
Shinoyama, E.	518	Smith, J.C.	1397	Stevens, K.J.	45, 1064
Shinozuka, M.	306, 552, 1196	Smith, J.D.	907	Stevens, K.K.	827, 1205
	1690, 1940	Smith, J.L.	765, 1794	Stevens, S.S.	1162
Shiozaki, S.	1541	Smith, M.A.	1686	Steverding, B.	37
Shipley, J.W.	1939	Smith, M.L.	1707	Stewart, J.S.	1019
Shipman, K.W.	730	Smith, M.R.	129	Stickler, D.C.	910, 1787, 1854
Shiraki, K.	78	Smith, P.G.	1629	Stikeleather, L.F.	884
Shklyarchik, F.N.	442	Smith, S.	236, 1479	Stocker, J.R.	1337
Shneider, Yu, G.	493	Smith, T.E.	592	Stockman, N.O.	1241
Shock, R.W.	177	Snell, C.M.	1251, 1835	Stoddart, W.C.	706
Shoei-Sheng, C.	1987	Snowdon, J.C.	633, 1918	Stoker, J.R.	1715, 1733
Sholar, M.S.	1143	Sobczyk, K.	1433	Stoltz, R.A.	7, 770
Short, S.A.	692	Sobel, L.H.	1049	Stone, J.R.	1446
Shoulberg, R.G.	221	Society of Automotive		Strahle, W.C.	1828
Shyu, T.P.	775	Engineers	809	Strarup, T.	397
Sides, D.J.	203	Soedel, W.	18, 614, 1357	Strom, B.T.	634, 1742
Sidman, R.D.	1948, 1949	Soffel, A.R.	1857	Stromquist, A.J.	760, 906
Siefert, W.W.	340	Soliman, J.I.	142	Strong, P.M.	1228
Siekman, W.	124	Solomon, L.P.	1958	Stroud, W.J.	1005
Sierakowski, R.L.	247	Someya, T.	1990	Stumpf, H.	1041, 1206
Sigwaldsen, O.	895	Sommer, J.	2000	Subramanian, C.R.	329
Sih, G.C.	1456, 1612	Sonobe, Y.	2045	Sugiyama, A.	1447
Sills, T.D.	1529	Sorensen, A., Jr.	154	Sugiyama, Y.	1868
Silver, A.	636	Sorensen, S.	863, 1957	Suidan, M.T.	1197
Silver, R.H.	1745	Soroka, W.W.	1410	Sun, C.L.	33
Silver, R.L.	1706	Speakman, J.D.	359	Sun, C.T.	1078, 1327
Simkins, T.E.	839	Speckhart, F.H.	1973	Sun, Y.C.	1727
Simon, S.R.	1905	Spencer, P.R.	538	Sundararajan, D.	391
Simpson, A.	632, 826, 1214	Sperry, W.C.	793	Sundararajan, V.	328, 427, 527
Simpson, H.W.	1363	Spiegel, E.A.	1604		842, 1712
Sims, G.B.	278	Spindel, R.C.	1445	Surakka, J.	56
Sindri, B.I.T.	328	Sprouffske, J.F.	1713	Sureshwara, B.	998
Singaperumal, M.	422	Srinivas, S.	255, 448	Survasula, S.	992
Singer, J.	994	Srinivasan, P.	1417	Suryanarayan, S.	430
Singh, P.N.	328, 842	Srinivasan, S.	433	Sutton, G.	1831
Singh, S.	1349	Stachura, M.P.	388	Suzuki, K.	2049
Singhal, A.	125	Stacy, E.F.	387	S/V, Sound and Vibration	849
Sinha, S.C.	1417	Stafford, R.L.	1091	Swamidas, A.S.	434
Sinitsyn, A.P.	1970	Stahl, B.	672, 673, 1512	Swanson, S.R.	603
Sinsky, J.A.	1242	Stahl, K.J.	674	Sweet, J.	1991
Sitchin, A.	1045	Stahle, C.V.	299	Swensson, G.C.	944
Siu, C.C.	1893	Stair, W.K.	698	Swift, J.B.	393
Skattum, K.S.	1014	Stallworth, L.A.	1827	Symonds, P.S.	982
Skep, R.A.	1926	Stangl, G.A.	1920	Syromyatnikov, V.S.	1640
Skidan, O.	363	Stanton, E.L.	449, 1894	Szabados, L.	1988
				Szechenyi, E.	256, 265

Abstract Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Viner, J.G.	108, 1714, 1764	Wang, T.M.	1293	Wiggins, J.H., Jr.	1635
Virchis, V.J.	157	Wang, T.S.	496	Wilby, J.F.	2039, 2040
Vito, R.P.	310	Wang, Y.S.	629	Wilder, J.A.	1320
Vittal, C.S.	469	Wann, R.J.	42	Willems, N.	533, 1694
Vivier, C.	1634	Wanner, J.C.L.	1634	Williams, A.O.	1087
Vivoli, J.	1796	Warburg, M.	1656	Williams, C.J.H.	1124
Voelker, F.C.	1365	Warburton, G.B.	837, 1457, 1608	Williams, F.W.	1136
Vogel, E.M.	1742	Warner, C.Y.	1719, 1720	Williams, J.E.F.	796
Vogel, W.H.	935	Warren, R.E.	168, 641	Williams, J.M.	855
Volk, J.R.	782	Watari, A.	2049	Williams, R.E.	349
Vollmer, J.	344	Waters, D.	837	Williams, R., Jr.	731
Von Gierke, H.E.	865, 1353	Watson, J.F.	1934	Williamson, S.	622
Von Glahn, U.	1731	Watson, T.H.	914	Willmert, K.D.	1362, 1418
Voracheck, J.J.	1531	Watt, J.A.	1867	Willumeit, H.P.	1377, 1378, 1721
Voronina, N.N.	460	Wattman, W.J.	117	Wilson, A.J.	963
Vortman, L.J.	589	Waversik, W.R.	603	Wilson, C.C.	1296
Vorus, W.S.	529	Weaver, D.S.	1691	Wilson, C.E., Jr.	1518
Vorwerk, C.	1027	Weaver, W., Jr.	19, 547	Wilson, E.L.	10, 595, 1801, 1802
Vulkan, G.H.	345	Weber, G.	904	Wilson, G.J.	1046
W					
Wada, B.K.	1051	Webster, J.C.	29	Wilson, J.F.	653, 1023, 1198
Waddell, P.	1268	Webster, J.J.	1457	Wilson, R.R.	167
Wade, B.G.	618	Wechsler, L.A.	1679	Wilson, R.R.M.	34
Wade, J.E.	1989	Wedig, W.	1366	Wilson, W.K.	1547
Wagner, F.P., Jr.	1007	Weidig, W.	1571	Wilton, C.	428, 1252
Wagner, H.	422	Weidman, D.J.	188	Winfrey, R.C.	1295
Waisanen, P.R.	1619	Weikert, E.	1491	Wingenbach, W.J.	885
Wali, E.I.	957	Weinberger, A.L.	297	Winn, R.W.	1145
Walker, G.W.	1719, 1720	Weingarten, V.I.	445, 1601, 2017	Wirt, L.S.	118, 1338
Walker, H.S.	162, 2060	Weir, P.	1011	Wislicki, B.	1278
Walker, J.A.	778	Weitsman, Y.	701	Withrow, J.D.	1722
Walker, J.G.	488	Welbourn, D.B.	665	Witmer, E.A.	1804
Walker, W.J.	1841	Wells, R.J.	1686, 1687	Wohlen, R.L.	189
Wallace, C.E.	1111, 1125	Wen, Y.K.	761	Wohlhart, K.	635
Wallace, D.B.	928	Wenz, G.M.	306	Wolberg, J.R.	781
Waller, R.A.	360	Werk, M.A.N.	1086	Wolf, J.	390
Walling, H.C.	1329	Wesolowski, Z.	513	Wolf, J.A., Jr.	1040
Walter, W.W.	3, 4, 450	West, L.R.	1458	Wolfe, H.F.	1065
Walters, D.D.	1189	Westine, P.S.	297	Wolken, L.P.	872
Walters, R.M.	1709	Westley, R.	228	Womack, W.C.	744
Waltz, J.E.	20	Westline, P.S.	1343	Wong, J.Y.	1543
Walz, J.E.	1811	Westmann, R.A.	274, 1074	Wong, P.Y.	190
Wambsganss, M.W.	1987	Weston, D.E.	1578	Wood, E.R.	730
Wandrisco, J.M.	800	Weyer, H.	43, 45, 1064	Woodcock, D.L.	894
Wang, B.P.	1042, 1054	Weynand, E.E.	762	Woods, A.A.	1189
Wang, H.B.	1710	Whiffin, A.C.	649	Woods, A.A., Jr.	236, 1479
Wang, H.T.	1287	White, D.C.	1077	Woods, A.G.	846
Wang, J.T.S.	2021	White, E.	1680	Wooldridge, C.E.	1244
Wang, M.C.	1968	White, K.C.	1467	Wooten, D.C.	1244
Wang, S.	999	White, P.H.	1631	Workman, G.H.	185
Wang, S.L.	938	White, R.G.	1307, 1611	Wormley, D.N.	1492, 1951
Wang, S.M.	1404	Whitehead, D.S.	1975	Wotipka, J.L.	47
		Whitman, A.M.	1975	Wrenn, B.G.	85, 296, 1189
		Whitman, R.V.	82	Wright, D.A.	605
		Whitney, J.M.	1569	Wright, G.C.	828, 1112
		Whittemore, A.P.	1462, 1911	Wright, G.H.	343
		Whittle, L.S.	1078	Wright, J.	1311
			820	Wu, C.H.	983
			1858	Wu, J.H.	953

Abstract Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2084

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Wu, R.W.H. 1804
Wung, S.J. 1006
Wykes, J.H. 1276, 1723
Wyle Labs. 1245, 1246

Xistris, G.D. 1464

Yager, T.J. 1340
Yajnik, M.D. 1702
Yamaguchi, T. 78
Yamamoto, T. 522
Yanabe, S. 523
Yang, C.Y. 2064
Yang, I. 551
Yang, I.M. 1424, 1606
Yang, J.N. 552, 755, 1068, 1940
Yang, S.J. 694
Yang, T.Y. 1888
Yanik, A.J. 1540
Yao, J.T.P. 478, 1401, 1581
Yates, G.A. 1765
Yee, B.G.W. 393
Yeh, C.T. 596, 597
Yen, D.H.Y. 81
Yerges, J.F. 124
Yerges, L.F. 124, 2033
Yin, S.K. 852, 1808
Yokoyama, Y. 1689
Yoshida, D.M. 547
Young, B.O. 1720
Young, D.E. 1163
Young, K.P. 558
Young, M.I. 1115
Young, R. 1382
Youngblood, W.R. 1849
Youngdahl, C.K. 2028
Yu, J.C. 464
Yu, Y. 33
Yudin, E.Ya. 1997

Z

Zakai, M. 481
Zambuto, M. 392
Zarnick, E.E. 1931
Zdravkovich, M.M. 119, 782
Zeidler, D.E. 1118
Zelenski, R.E. 47, 1264
Zemanek, J., Jr. 599
Ziegler, H. 936
Zielke, W. 847
Zimmerman, P. 840, 2029
Zinn, B.T. 794, 1339
Zomotor, A. 519
Zonenberg, R.M. 172
Zorrilla, E.P. 127
Zwibel, H.S. 273, 734
Zwieback, E.L. 1480

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

ANNUAL SUBJECT INDEX

A	Acoustic Properties		
	124	486	28
			818
Ablation			
1782			
Absorbers (Equipment)			
394			
Absorbers (Materials)			
203			
Accelerometers			
971 1793	1658		
Acoustic Absorbers use Sound Absorbers			
Acoustic Cavitation use Cavitation Noise			
Acoustic Damping			
1140 794			
Acoustic Detectors			
1264	1899		
Acoustic Excitation see also Sonic Boom, Sound Waves			
30 121 792 174 115 96 177 198 789			
70 584 1105 426 497 658 1949			
150 2004 1995 787 918			
680 1058			
780 1958			
2040 2018			
Acoustic Holography			
	815	818	
Acoustic Linings see also Ducts, Noise Reduction			
2031 1993 1994 235 166 677 118 1339			
466 1857 418 1459			
796 1997 1338 1859			
1996			
Acoustic Measurement see also Noise Measurement, Measurement Techniques			
1242 134 346 1239			
Acoustic Pressures			
	197		
Acoustic Propagation use Sound Wave Propagation			
Acoustic Radiation use Sound Waves			
Acoustic Resonance			
110 82 575			
Acoustic Resonators			
373 1944			
Acoustic Response			
1081 442 903 265 256 1177 369			
1111 1922 1483 1125 736 1497			
1445			
Acoustic Scattering			
961 362 43 1315 446 1238 379			
1625 946 1948			
1645			
Acoustic Tests			
1921 393 1664 815 818 1439			
		1999	
Acoustic Transmission use Sound Transmission			
Acoustic Waves use Sound Waves			
Aerodynamic Characteristics use a more specific term			
Aerodynamic Damping			
1080 222 375 136			
1405			
Aerodynamic Excitation			
710 831 922 893 584 1735 26 117 78 209			
1471 1182 594 536 127 468 469			
1531 2062 754 576 957 1528 639			
2041 854 1144			
Aerodynamic Noise			
		376	
		806	
Aerodynamic Response			
1181 1913 1579			
Agricultural Machinery			
700 641 172 765 168 1589			
880 871 872			

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
----------------------	-------	---------	---------	---------	---------	----------	-----------	-----------	-----------	-----------	-----------	-----------

Volume 4	
----------	--

Issue:	1	2	3	4	5	6	7	8	9	10	11	12
--------	---	---	---	---	---	---	---	---	---	----	----	----

Air Bags (Safety Restraint Systems)		Aircraft Wings	
1540 721 1713 1376 1377	859	391	1005
1660 1763 1716 1527			117 268 329
1770 1766 1717	1767		227 1528 1579
			1057 1728
Air Bearings use Gas Bearings		Air Cushion Landing Systems	
Air Blast		1902 843 65	
1251	1835 1106	Air Cushion Safety Restraint Systems use	
Airborne Equipment Response use Aircraft		Air Bags (Safety Restraint Systems)	
Equipment		Air Cushion Vehicles use Ground Effect	
Air Conditioning Systems	506	Machines	
Aircraft		Aluminum Foam use Metal Foam	
110 271 82 113 114 65 846 267 678 109		Amplitude Data	
270 351 112 223 534 115 1146 847 1098 209		1470 804	
1530 1341 272 1143 894 235 1276	1788 269	Analog Computation use Analog Simulation	
2040 1361 462 1723 1144 1145 1956	2038 359	Analog Simulation	
1342 1344 1335	1619	1200 2052 1264 1306 539	
1422 1494 2035	2039		1409
1684			1869
Aircraft Crashes		Analog Simulation Techniques use Analog	
1900 1522	1466 1527 2008	Simulation	
Aircraft Ejection Seats use Ejection Seats		Anchors (Ship) use Ship Anchors	
Aircraft Engines		Anemometers	
1751	888 919	1471	
	1199	Angular Velocity use Rotation, Velocity	
Aircraft Equipment Response		Animal Response	
1070	116	1353 795	
Aircraft Noise		Anisotropic Properties	
120 121 32 113 194 465 166 27 758 29		996 437	
860 471 682 193 464 845 336 457 1028 759		Annular Disks use Rings	
1060 681 1142 683 684	456 467 1448 1159	Antenna (Booms) use Booms (Antenna)	
1480 791 1442 793 844	1446 1097 1449	Anthropomorphic Dummies see also Human	
1620 1141 1233 1044	1726 1437 1529	Response, Occupant Simulation	
1611 1243 1244	1826 2037	1052 1535 1538	
1621 1343 1624	2036	1522	
1631 1844		Aperiodic Response	
1731 2034		1604	
1901		Approximation Methods	
Aircraft Seats see also Automobile Seats		1791	
1900 1003	1539	1428 1709	
Aircraft Tires			
1340			
Aircraft Vibration			
	846		

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Arches			Automobile Steering Columns		
420 131	184 1495 1006		725		719
	1334	1986			
Architectural Acoustics			Automobile Tires		
123			1024		
Arteries use Blood Vessels			Automotive Safety use Collision Research		
Articulated Vehicles see also Trailers			(Automotive)		
942	1794 2055		Autoparametric Response see also Parametric		
Artillery Effects use Gunfire Effects			Response		
Aseismic Design use Seismic Design			1523		
Asymptotic Series	87	1569	Axial Force		
				1518 439	
Attitude Control use Control Systems			Axisymmetric Bodies use Bodies of Revolution		
Automatic Control use Control Systems			Axisymmetric Vibrations		
Automatic Equalization	19		1510 1711 842	627 1518 2029	2027
Automobile Accidents use Collision Research			Axes		
(Automotive)				519	
Automobile Axles		699		699	
Automobile Bumpers			Balancing Techniques		
821 62	155		100 731	1034 1565	158
1482	985		891	1774	888
1722					1568
Automobile Engines	1375		Balancing Machines see also Unbalanced Mass		
			Response		
Automobile Frames				1388	
1553		879	Baling Presses		
Automobile Radiators				1018	
		518	Ball Bearings		
			813 1114		408
Automobiles see also Buses, Motor Vehicles,			1113		
Trailers, Trucks					
720 721 722 723 724 1265 156 727 728 1379			Balloons		
801 1002 883 884 1275 516 1027 1378 1559			1531		
1382 1173	1385 1376 1377 1768 1769		Bands use Moving Strips		
1763	1386 1557		Barrier Rails use Guardrails		
	1717		Barriers (Highway) use Guardrails		
	1767				
Automobile Seats see also Aircraft Seats					
1354					

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Bars see also Rods 301 1292 1283 564	1106 1977	1989	Biomechanics 1500 1161 1903	1905	487 1738 1149
Beam Grids (Structural Members) 544	1397		1610 1741 1915	687 1739	
	1447		1740		1357
Beams (Supports) see also Columns 630 561 72 53 74 355 16 167 68 99					1427
640 631 162 243 244 395 76 207 398 229					
930 751 272 403 364 405 206 327 548 329					
980 901 322 433 404 625 246 527 828 1089					
1400 981 372 563 414 635 566 897 938 1569					
1490 1111 402 633 564 825 606 927 978					
1590 1221 562 693 614 935 626 1107 1608					
1670 1281 982 913 634 1425 926 1137 1868					
2060 1601 1112 1013 664 1865 956 1637 1978					
1651 1282 1103 1014 1945 1106 1867					
1671 1672 1673 1484 1985 1486					
1682 1983 1744 1866					
1862 1804 1936					
1932					
1982					
Bearing Response 1990 1991	637				
Bearings use a more specific term: Air Bearings, Ball Bearings, Fluid-Film Bearings, Foil Bearings, Friction Bearings, Gas Bearings, Hydrostatic Bearings, Journal Bearings, Roller Bearings, Self-Acting Bearings, Spool Bearings, Squeeze-Film Bearings					
Bearings 390 1661 813 1114 406 47 408 239					
1390 1113 1584 886 407 1288 409					
1680 1676 1678 889					
1279					
1289					
1679					
Bellows			Bolts		
	1498		642		
Belts use Moving Strips					
Bending Vibration use Flexural Vibration			Bond Graph Technique 1951	1946	
Bernoulli-Euler Method 952 1134 926 1637					
1804 1866					
Biological Organisms 685 686 687			Bones		
			1903	1905	1149
Booms (Antenna) 892					
			294	216 737 1398 1189	
			624	296	
				736	
Booms (Crane) use Crane Booms					
BOSOR (Computer Programs) 1806					
Boundary Layer Excitation 602 993					

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Boundary Value Problems	1848	329	Calibrating	1465	808	49
900 1782 1854 1935	1958		390 611		1269	
			971		1659	
Box-Beams	272		Calibrating Transducers use Transducers			
Box-Type Structures	150 1191		Cams		98	1499
Bridges (Structures)			Cantilever Beams			
1150 1861 472 1733 474 525 1346 1007 78 9			640 2 633 4	1106	527	398
2041	1345 1906 1337 128 779		930 1672 913 1484		1637	1608
	1347 688 1609		1013			1868
	1829					
	1959					
Bubble Dynamics	1965 1966		Cap Screws	1625	1328	
40						
Buckled Beams	1213		Cargo Vehicles see also Ground Vehicles, Trucks	701	285	196
				905	508	
Buckling	475		Cascades	576		
301	635					
Building Block Approach	783	777	Catenaries see also Strings	632	826	
Buildings			Cavitation	652 1493	1646 1647 1958 239	
930 691 122 1013 1734 125 26 477 848 19						
1350 1011 1012 1153 1914 475 476	1348	849	Cavities	1255 736		
1600 1151 1032 2043	1635	536	Cavity-Containing Media see also: Hole Containing Media	1071	1693	958
1910 1911 1172	1685	596				1088
1252						
1402						
Buses (Vehicles) see also Automobiles, Motor Vehicles, Trailers, Trucks	2053		Cavity Effect	1872		1278
Bush Bearings	1678		Cavity Resonance	670	44	165
Bushings use Bush Bearings			Ceilings	903		
C			Celestial Bodies	1831		
Cables (Ropes)			Chains	1582		
71 632 533 734 245 396 397 628 399						
1861 1102 1674 1285 826 1287	979					
1931 1842	1576	1669	Chatter	421 1542		869
		1979				

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Chebyshev Polynomials	5	Combat Vehicles use Tanks (Combat Vehicles)
Chimneys		Combustion Noise see also Engine Noise
2043 594	127	1828
754		Commercial Vehicles use Cargo Vehicles
Circular Bars	1106	Compacting
Circular Cylinders	1238	172 763
963		Complementary Energy Method
1073		1421
Circular Plates		Component Mode Synthesis
81 1702 1513 434 655 1046 997 438 2009		560 21 1202 543 24 1936
251 2012	674 1325 1507	104
1324		COMPOS (Computer Program)
Circular Rings		1786
1712		Composite Materials
Circular Shells	33 1314	590 41 952 953 84 954
Clamped Plates use Plates		Composite Structures see also Sandwich
Clamped Shells use Shells		Structures, Laminate
Clay	1463	1710 1221 262 243 404 405 1517 238
Clocks	415	1890 402 1453 1014 425 1837 1158
Codes use Standards and Codes		1960 1692
Collision Research (Automotive) see also		Compression Waves
Aircraft Crashes		1643 1645
720 821 62 723 724 155 1026 727 108 389		1693
1380 881 722 883 1384 805 1386 817 728 859		Compressor Blades
1540 1381 1002 933 1714 885 1556 877 1098 1029		711 712 1544 1545
1720 1721 1042 1173 1764 985 1716 1027 1378 1379		Compressors
1770 1771 1052 1383 1535 1926 1377 1468 1469		1922 1503 164 165 1369
1382 1473 1555 1467 1548 1549		1545
1472 1553 1715 1557 1648 1719		Computer Languages
1552 1713 1717 1718 1929		568
1632 1763 1767		Computer Programs
1662 1927		50 101 102 133 264 65 186 107 188 189
1762		180 331 332 323 324 295 266 187 248 419
Collision Research (Ships)		190 401 492 453 334 335 456 367 518 499
1572		330 701 892 933 454 565 566 457 628 749
Columns (Supports) see also Beams		720 721 1522 1053 644 605 1136 517 678 779
1290 1471 1194 935 167 938		990 781 1732 1123 1304 705 1166 897 688 879
257 1868		1190 1051 1782 1393 1374 735 1226 937 808 1259
1841		1260 1521 1812 1813 1404 1565 1426 1737 938 1619
1884 1895 1786		1791 1614 1585 1616 1988 1649
1806		1811 1814 1615 1696 1789
1896		1889

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Concrete	1720	1892	1764	475	616	829	Coulomb Friction
						899	1281
Conformal Mapping							Coupled Response
		553					650 1352 1193 1854 395 606 1797 1989
Conical Shells							1490 2002 1395 1126
1320							1415
1790							
Construction Industry use Industry							
Contact Damping							Coupled Systems
411 412							901 1583 1396 1298 1209
							1319
Contact Vibration							Crack Propagation
							1456 618
Containers							Cracked Structures
1020 241 702 253			146	497	368	249	672 673 1254
671 1792 1193				1307	1738	729	1612
701							
1613							
Continuous Parameter Methods							Crankshafts
1502			1397		39		2000 1772 718
			1567		1419		2050
					1599		
Controls							CRASH (Computer Program)
			415				1929
Control Systems							
1090		103					
Conveyors use Materials Handling Equipment							Crash Research use Collision Research
Cooling Systems							
			459				
Cooling Towers							Crash Sensors
2062				2017			1770 1472 1473 1467 1468 1469
							1557 1548
Copying Machines							Crash Victim Simulation use Occupant Simulation
1363							
Core-Containing Media							Critical Speeds
402		404					523 154 1775 159
Correlation Techniques							
210			1606				CRUSH (Computer Program)
							1929
Cost Optimization							
		844					
Coulomb Damping use Coulomb Friction							

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2084
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Cushioning Materials see also Foams	286	148	Damping Coefficients	955
Cylinders			Dams see also Dikes	
1510 591 242 963 34 1315 86	78	89	1600	1224 1015
661 782 1073 374 1935	1238	119	Data Display use Computer Graphics	
1331 1852 1483 1984	1649		Data Processing	1475
	1879		Data Recorders	1095
Cylinders in Fluid Media use Submerged Structures and Cylinders			Data Reduction use Data Processing	
Cylindrical Plates use Plates			Deceleration	1296
Cylindrical Shells			Design Procedures	137
80 181 92 253 254 85 256 497 88 89			Deviation Concept	1585
1420 671 252 293 444 265 496 667 258 249			DAVI (Dynamic Antiresonant Vibration Isolation)	
1700 771 442 363 664 425 556 1877 988 429			141	
1790 901 662 443 994 435 666 1887 1508 439			Diagnostic Techniques	
1970 961 1132	675	766 2007 1668 599	1850	384 1655 47 1999
1001 1322	775	836 1698 999		
1321 1792	1315	916 1708 1049	Diagnostics (Biomechanics) use Biomechanics	
1701	1695	1316 1738 1699	Diesel Engines use Engines	
1881	1326	1798 2019	Digital Computation Techniques	
2011	1506	2008 2029	1475 1876 1947 568 1409	
2021	2016	2018	1408	
		2028	Digital Simulation	
Cylindrical Tubes use Tubes			1374 1285	847 1868
D			Dikes see also Dams	1648
Damage Prediction see also Failure Analysis			Discontinuity-Containing Media use a more specific term: Cavity-Containing Media, Hole-Containing Media, Opening-Containing Media, Rigid-Inclusion Containing Media	
951 702 1464 115 46 127			840 361 352 1643 835 1996 1507 1088 1049	
1012	706		1071 1693 1515 1628	
1645			1645	
DAMN (Computer Program)			Discrete Element Analysis use Lumped Parameter Methods	
331				
Damping use a more specific term: Aerodynamic Damping, Coulomb Damping, Critical Damping, Displacement Damping, Distributed Damping, Hysteretic Damping, Material Damping, Modal Damping, Nonlinear Damping, Relaxation Damping, Structural Damping, Tuned Dampers, Viscoelastic Damping, Viscous Damping				
Damping				
1080 371 42 1183 54 205 136 597 308 1079				
1410 1511 322 1563	375	596 1417 398 1639		
1860 1821 372 1593	595	1416 1577 1658		
1960 1262 1933	1405	1856 1838		
1962	1525			

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Discrete Fourier Transform use Fourier Transformation	Dynamic Excitation
1100	1272
1460	
1580	
Discrete Systems use Lumped Parameter Method	Dynamic Plasticity
Disk Springs	982
1330	977 2028
Disks	Dynamic Pressure Excitation
840 2002	1752 1855
1505	
1129	
Distributed Parameter Method use Continuous Parameter Methods	Dynamic Properties
1610 472 814	828 1169
1990 1342 1904	1168 1189
	1499
Donnell Theory	Dynamic Relaxation
916	102
Doors see also Openings	779
746 747 748	
Drill Strings	Dynamic Response
1280	70 71 202 313 294 65 26 87 98 89
	90 251 262 1023 304 135 156 157 208 139
	140 531 492 1113 364 145 406 667 478 319
	150 561 532 1173 654 185 446 697 598 409
	180 691 692 1463 664 245 556 727 688 649
	230 1121 792 1593 674 275 666 757 808 919
	240 1171 872 1603 714 365 676 797 928 1429
	260 1391 1102 1673 774 605 756 847 938 1479
	300 1411 1112 2043 854 625 766 937 988 1509
	440 1531 1602 2063 924 705 1106 997 1078 1559
	870 1891 1612 1054 715 1116 1007 1088 1649
Drop Tests	2031 1622 1994 1795 1236 417 118
622 703 704	900 2061 1702
702	1134 745 1166 1017 1128 1709
1902	1922 1995 1856 1997 418
	910 1812
	1174 915 1306 1357 1198 1749
	2015 1996 1338
	990 1324 935 1456 1607 1288 1869
	1030 1364 1075 1776 1488 1889
Duffing Method	1090 1554 1155 1886 1508
	309 1110 1744 1185 1598
	1130 1804 1225 1768
Dummies use Anthropomorphic Dummies	1150 1954 1255 1878
Dynamic Antiresonant Vibration Isolators	1260 1285
use DAVI	1410 1305
	1700 1425
	1870 1475
Dynamic Balancing	2000 1705
	1387 2055
Dynamic Buckling	Dynamic Stability
1320 841 1132	630 381 452 73 1044 325 76 898 239
2011	640 771 732 1043 1414 375 526 1108 2059
414	2008
454	750 981 942 1283 1574 425 886 1808
994	770 635 1566
1314	890 2035
1704	1290
Dynamic Capacity use Fatigue Life	1560

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Dynamic Stiffness	826	1298	1919	Ejection Seats	1539
Dynamic Stiffness Matrix use a more specific term: Dynamic Stiffness, Matrix Method				Elastic Foundations	
Dynamic Structural Analysis use Dynamic Analysis				630	1862 403 1284 625 626 1578
Dynamic Structural Response use Dynamic Response					1324 1175 1866
Dynamic Systems				Elastic Half-Plane use a more specific term: Elastic Properties, Half-Plane	
1410 1232 1413 1054 105 1424 1045 1805 1815	7	778	569 749 1799	Elastic Media	
				960 361 352 1693 1644 35 1071 592 1255 1642 1645	
Dynamic Testing				Elastic-Plastic Media	
1270 221 802 603 144 475 1056 217 698 879 1540 701 972 693 1265 1906 1900 803 1733 1763				1591	
				Elastic-Plastic Properties	
				1460	77
				Elastic Properties	
				1305	958 779
				Elastic Systems	3
				Elastic Theory	
				1131	
				Elastic Waves see also Spherical Waves	
Earth Beams				70 121 344 115 96 787 198 599 680 1641 914 1646 1647 789	
2051					
Earthquake Damage				Elastodynamic Response	
1401 922 1911	125	1016		1810	1038 1119
Earthquake-Resistant Design use Seismic Design				Elastohydrodynamic Properties	
Earthquakes see also Seismic Excitation				1675	
950 951			1249	Elastomers see also Polymers, Polyurethane	
Effective Modulus Theory				1520 1722 814 695 1337 1079 1225	
1950					
Effective Stiffness Theory				Electrodynamic Shakers	
1950				1477	
Eigenvalue Problems see also Natural Frequencies				Electrohydrodynamic Properties	
1600 11512 303 554 1196 547 1428 909 1820 311 1592 913 564 1206 767 1708 1789 541 983 1194 987 991 993 1444 1047 1041 1433 1894 1051 1443 1941 1703 1983			113		
				Electromechanical Damping	
				1640 1711	
				Electronic Instrumentation	
				280 344	199
				Electronic Test Equipment use Test Equipment	

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Elliptic Functions	Excitation use a more specific term: Acoustic
1210	Excitation, Aperiodic Excitation, Brake Excitation, Dynamic Pressure Excitation, Gyroscopic Excitation, High Frequency Excitation, Parametric Excitation, Periodic Excitation, Point Source Excitation, Random Excitation, Self-Excitation, Shock Excitation, Stick-Slip Excitation, Time Dependent Excitation, Wind-Induced Excitation
Energy Absorption	Experimental Models use Model Tests
1720 511 1482 703 1714 725 366 1337 148 149	Experimental Results use Test Data
1522 1764 985 1386 1667 238 709	Experimental Safety Vehicles use Experimental
1722 1715 1718 719	Vehicles
1719	Experimental Techniques use Testing Techniques
Energy Dissipation	Experimental Vehicles
1933	1771 885
Energy Methods	Explosions
1220 301	200 201 342 263 354 1075 356 587 1148 1249
1421	1130 251 752 353 1074 1835 1106 1257 1348 1209
2021	691 1252 1834 1836 1538 1849
Engine Noise see also Combustion Noise	951 2058
1141 2034 1375 466 948 1529	1251
876 1928 1759	Extensional Vibrations use Longitudinal
1406	Vibrations
Engines	Extremum Principles
491 153 1034	771 365
1751	1076 577
1761	
Engine Vibration	F
513 154	
337	
Entrances use Doors	Facilities use Test Facilities
Environmental Effects	Failure Analysis see also Damage Prediction
771 1162	1851 773 1464
550 521 562 933 1124 995 1286 1107 908 1669	Fans see also Rotary Wings
2050 632 1533	710 151 503 1545 1236 1627 1439
1587 1979	1370 501 1373
Equipment Response	1750 711
220 692 1184 115 116	1371
500	1921
570	
620	
1030	
1070	
Equivalence Principle	Fasteners
1807	622 1328
303	642
798	
Error Analysis	Fast Fourier Transform
	915 1068
	1908

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Fatigue Life			Flight Vehicle Equipment Response	
1401	1016		1070	116
Fatigue Tests			Flight Vehicles	
	235 386 1197		110 111 82 113 114 65 136 267 678 109	
	385		270 271 112 223 264 115 266 277 1098 209	
Field Reconstruction		619	1530 351 272 483 534 135 526 337 1178 269	
			2040 381 462 1143 894 235 846 847 1788 359	
Finite Difference Theory			1341 1342 1723 1144 275 1146 1147 1808 1619	
80 931 442 913 324	1806	248 1049	1361 1422 1344 1115 1276 2038 2039	
790 1811 1782 1053		968	1912 1494 1145 1956	
2060			1684 1335	
Finite Displacement Method see also Finite			1735	
Element Technique			2035	
420 243				
Finite Element Technique see also Finite Dis-			Floors	
placement Method			231 1332	126
10 161 12 133 334 15 16 147 8 9			461	139
150 181 182 303 544 185 186 167 188 319				
320 311 202 323 564 445 326 187 318 739				
480 441 252 333 644 555 426 317 678 879				
650 541 332 453 924 565 556 557 918 1509				
740 1051 412 1803 1044 705 566 567 928 1609				
1150 1191 662 1943 1014 735 736 737 978 1649				
1190 1221 1192 1804 925 776 767 1008				
1510 1851 1222 1814 935 836 837 1608				
1580 1312 1854 1425 926 897 1888				
1802 1884 1515 1046 927				
1942 1166 1047				
1426 1567				
1506 1967				
1616 2017				
2016				
2026				
Finite Strip Method			Fluids	
1692	8 9		964 965 376 147 968 729	
	429		1845 377	
Fire Hazards			1020	
	1379			
Flexural Vibrations			Flutter	
420 1871 432 623 74 1105 246 1517 68 79			450 291 242 1123 894 95 186 67 178 469	
430 1122 1323 244 1115 276 398 399			730 371 272 1143 1494 525 117 468 1179	
450 1292 1873 964 1485 326 1698 659			1570 391 1182 1684 565 227 1178 1619	
1290 1302 1983 1484 1505 1046	1519		1800 671 645 427 1728 1729	
1490 1672 2023 1885 2016			921 1005 607	
1970 1712 2015			1181 1145 1177	
2002			1691 1595 1937	
2022				
Flexural Waves			Foams see also Cushioning Materials	
	559		40 821	39
			Foil Bearings	
				1488

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Follower Forces		Friction Bearings
640	785	1390
Footings use Foundations		Friction Damping use Coulomb Friction
Force Generators	1975	Friction Excitation
Forced Vibration		Frobenius Method
840 91 522 3 404 1495	827 68 69	1879
241 1852 83 1674 1865		
321 183 2025		
771 403		
1511 1203		
1861 1213		
1893		
1963		
Forcing Functions		Functional Analysis
1809		1882 1653 74 1255 1886 277 1068 1039
Forcing Phenomena		2024 2025 1187 1088 1599
741 742 743		1908
Foundations		Fundamental Frequencies use Natural Frequencies
1650 1463	1907 1578	Furnace Noise
	1457	348
Fourier Transformation		G
1882 174 915	1187 1068 1039	
1255	1088	
	1318	
	1908	
		Galerkin Method
		1421 1943 14 1795
Fracture Properties		Gas Bearings
603	37	890 1661 1584 406 407 538 409
Framed Structures		636 889
130 101 102 133	1195 1496	1676 1489
1293	1998 829	
Free Vibration use Transient Response		Gas Turbine Blades use Turbine Blades
Freight Cars use Cargo Vehicles		Gears
Frequency Analyzers		1404 1686 1497 1999
210	807	1657
Frequency Coefficients		1687
834		
Frequency Response		Gradient Methods
710 1271 832 643 264 1435 146 1577 88		1044 1436
1550 1502	1975	1414
		1894
Fretting Corrosion		Graphic Methods see also Plotting Programs
1114		160
		1760
		Gravity Vacuum Transit System use Tube Vehicle Systems

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Grids (Beam Grids) use Beam Grids													
Grillages use Beam Grids													
Grooved Bearings													
	409												
Ground Effect Machines													
291 1492 1023	1526	697	1198	679									
1951	1923			1169									
Ground Motion													
200 691 1012 943	1785	1636	367										
950 1172													
Ground Shock													
	1834		587										
Ground Vehicles see also Towed Vehicles													
720 721 722 723 494 285 146 157 508 59													
810 801 872 783 724 695 156 237 728 499													
870 882 883 884 1265 196 727 1148 519													
880 942 1383 1074 1385 516 777 1378 809													
1002 1543 1925 696 867 1768 1379													
1042 1763 2055 726 877 1559													
1172 2053 866 1027 1769													
1382 1026 1377													
1602 1376 1557													
2052 1386 1717													
1767													
Guardrails													
1632 1733 1384 1715	108	1719											
1762 1714													
Gunfire Effects			224										
Guyan Reduction Method													
542													
Guyed Structures													
	1399												
Gyroscopes													
1561 1773													
Helicopter Noise													
141 482 163 1534 855 1156 1157													
1736													
Helicopter Vibration Effects													
853													
Helicopters													
1912 483													
135 136 277 1178													
275 526 337 1808													
1115													
1735													
Helmholz Resonators													
373 1944													
Hertzian Contact													
411													
1455 1546													

Abstract Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

High Frequency Excitation	1131	1062	1554	1038	Human Response see also Anthropomorphic Dummies, Human Factors Engineering, Pathologic Subjects
High Frequency Response			1514		120 811 862 863 864 485 846 27 138 139
					580 861 1162 873 884 805 1066 577 338 359
Highrise Buildings use Multistory Buildings					690 1741 1522 1233 1914 865 1356 857 488 479
High-Speed Rotors use Rotors (Machine Elements)					700 1901 2032 1713 895 1536 1077 858 789
High-Speed Transportation Systems	340	713	714	957 1168 489	860 1355 1427 878
	490	1023		1228 509	1160 1915 1537
1170				1360	1957
Highway Barriers use Guardrails					Hydraulic Servomechanisms
Highways	2051				1493
Hill Equation				129	Hydraulic Systems
Hingeless Rotors	853				601 652 833 1824 647
Hodograph Transformation	1591				1752 847
Hoists use Cables (Ropes)					1962 907
Hole-Containing Media see also Cavity-Containing Media, Opening-Containing Media					Hydraulic Transmission
840			835 1996	1049	1033
1515					Hydrodynamic Excitation use Fluid-Induced Excitation
Holographic Techniques	1100	392	393	505 346 687 48	Hydrodynamic Response
	1500			815 818	1393 1048
				925 1268	
Horn (Sound Generator)	1750				Hydrofoils
Hovercraft use Ground Effect Machines					1570 921
Human Factors Engineering use Human Response					Hydrophones
Human Hand					1614 1269
					Hyperboloid Shells
					2017
					Hypersonic Flight
					1031
					Hysteretic Behavior use Hysteretic Damping
					Hysteretic Damping
					1410 1211 1982 1593 54 1867
					Hysteretic Oscillators use Oscillators

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1580	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

				Large Amplitudes 842	328
				Large Deflections use Large Amplitudes	
Joints (Junctions)					
531	563		1919	Lateral Response 1670 1031 1022 713 744 75 1496	1848 1149
Journal Bearings				1331	
1174	886	637		405	
				1325	
Junctions use Joints				2005	
K				Launchers use Missile Launchers	
				Launching Response 1090	906 1187
Kerr-Type Foundation			997		1099
					1186
				Layered Structures use Laminates	
Kineto-Elastodynamic Response			1119	Leaking Modes 914	
				Least Squares Method 1565	
L					1815
				Liapunov Method use Lyapunov Method	
LAGLOP (Computer Program)				Life Tests use Fatigue Life	
1732				Linear Oscillators use Oscillators	
Lagrange Equation use Euler-Lagrange Equation				Linear Programing Technique 891 1042	
Laminates see also Composite Materials, Sandwich Structures				Linear Systems 770 561 302	774 1205 1606
1310	41	952 1893	84 255	768	
1950	1222	254	366 1107	1215	1938
			766 1327		
			1486 1837		
			1796		1227
			2006		129
				Linkages	
					1689
Landing Gear				Liquid-Containing Containers use Fluid-Filled Containers	
462	843		65 436 107		
1732				Liquid Propellant Rockets 295	
1902					
Landing Impact				Liquid Propellants 1193	
1340	1732		1117		
Land Mines use Mines (Ordnance)				Liquids use Fluids	
Laplace Transform					
1653	2025 1886	277	1599	Literature Surveys use Reviews	

Abstract Numbers:	I-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4												
Issue:	I	2	3	4	5	6	7	8	9	10	11	12

Longitudinal Response	433
1970 2022 1984 2015	
2035	
Longitudinal Vibration use Longitudinal Response	1299
Longitudinal Waves	989
416	
Loudspeaker Diaphragms use Microphones	
Lubrication	Margin of Safety use Factor of Safety
411 1675 1278	
Lumped Mass Method	Marine Engines
212	513
Lumped Parameter Method	Marine Structures
530 11 212 1103	132 537
211 1223	Mass-Beam Systems
1081	980 978
	568
	1598
Lyapunov Method	Mass Matrices
1043 315 1218	1592 1947
	Mass-Spring Systems
1595	1051 1223 396 157 1209
M	1613 1196 397
	1417
	1797
Machine Development	Material Damping
1363	370 1481 593 54 1525 596 597 38 1079
	1840 1821 1183 814 1916 607 1838 1389
Machine Foundations	1860 1253 1974
422 283	1933
Machine Tools	Materials
1121 1542 144	972
	Materials Handling Environment
	500 495 498 499
Machinery	Materials Handling Equipment
370 1271 383 1464	130 171 1195 1587 1588 1409
690 1851 1303	1747 1598
Machinery Noise	Mathematical Models
1370 601 694	60 11 2 63 184 15 846 17 18 389
941 1264	240 341 52 1173 224 95 966 107 98 539
1021	330 571 702 1223 304 335 1306 307 728 859
Machining Process	480 711 772 314 415 1776 327 778 1059
421 493	720 1081 872 494 555 1876 477 1068 1069
1541 1365	870 1171 892 514 805 1946 487 1768 1149
Magnetic Damping	1090 1381 902 614 925 517 1868 1169
592	1120 1821 952 714 1005 587 1369
	1170 1931 962 834 1055 777 1399
	1200 1951 1032 934 1155 797 1409
	1380 1052 1264 1165 847 1869

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Mathematical Models (Cont.)						Mechanical Properties					
1430	1462	1374	1225	997	1909	260	1681	365	958	779	
1650	1562	1384	1285	1007	1939	590		1305			
1660	1582	1584	1805	1027		900					
1920	1922	1924		1057		1460					
	2052			1177							
				1227							
				1927							
Mathematical Programming						Mechanical Systems					
1910	891	1042		825		1250		785	18		
	1362							1975			
	1952										
Mathieu Functions						Mechanical Waves					
		2024				70	121	344	115	96	787
						150	1641	914		1646	1647
						680					789
Mathieu-Hill Equation use Hill Equation						Mechanisms					
						100		1294	1295	47	1119
						1120			1207		1689
						1870			1497		
Matrix Inversion Method use Matrix Methods						Median Barriers use Guardrails					
Matrix Methods						Medians					
951	1312	1583	1294	175	546	547	258	179			
1592		1404	535	1056	1577	1708	1789				
			595	1596	1617						
			1195		1887						
			1615								
Matrix Reduction Method use Matrix Methods						Medical Instruments					
								486			
Maximum Response						Membranes					
				1809		1300	1872	423	564	1576	987
							1133				988
							2003				
Measurement Techniques						Metal Forms					
800	1831	762	1573	134	975	346	1357	828	349		
820		1092		1974	1075	646		1658	809		
1270		1242		1445		1858	869				
		1672				969					
						1239					
						1819					
Measuring Instruments						Metal Working					
390	51	1092	1093	1084	1465	226	57	48			
	611	1272	1273	1094	1855	346	1097	1138			
	861		1973			786	1127	1268			
	971					1856	1658				
Mechanical Elements						Method of Characteristics					
190	1761	1232	1033			47	99				
		1743				1227					
						1477					
Mechanical Impedance see also Mobility Methods						Method of Collocation use Collocation Method					
11	230	182		225	6	177	1539				
		232				176	1357				
Micropipes						Mills					
						421		145			
							170	1743			
Mines (Ordnance)						Mines (Excavations)					
							1074	1075		1148	
											479

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Minimum Mass Design use Minimum Weight Design	1931	Mooring see also Ship Anchors
Minimum Weight Design	788	Motor Boats
Missile Launchers	567	Motor Cycles
760	617	1026
Missiles	375 956	Motor Vehicle Collision use Collision Research (Automotive)
2060 531		Motor Vehicles
Modal Analysis	720 721 722 723 494 695 156 727 728 59	
230 21 212 13 24 355 1276 777 678	810 801 882 783 724 196 777 1148 809	
1202 1013 104 735 1786 927	870 1061 2052 1383 1074 516 867	
174 1785 1886 1737	1543 696 877	
294	726	
	826	
Modal Damping	876	
595	1026	
Modal Densities use Modal Analysis		Mountings use a more specific term: Shock Isolators, Vibration Isolators
Modal Models	777 1429	Moving Loads
		450 1411 674 1906 688 1609
Modal Synthesis use Component Mode Synthesis	630	
Modal Velocity use Modal Analysis	1700	
Mode Shapes		Moving Sources
80 162 1193 634 655 656 557 258	1956	
1040 322 1583 1794 1615 956 657		
1170 632 1006 1577	Moving Strips see also Magnetic Tapes	
1220 992 1036	73 1745 1299	
1862 1426		
1942	Mufflers see also Noise Reduction	
	2030 514 1759	
Model Tests use Test Models		Multibeam Systems
Modulation Principles	869	1744
		Multidegree-of-Freedom Systems
Moire Patterns	975	1362 1214 1036 1069
	1655	1432 1424 1606 1219
Moment Distribution Method		1809
1412		
Monte Carlo Method		Multistory Buildings
1690	306	930 691 1013 1734 125 477 1618 19
	1196	1350 1011 1153 1914 475 1908 689
Moon		1910 1151 1685 849
1831		1009
		1909
Musical Instruments see also Violin		
	623	
	643	
	1873	

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

N	Noise Prediction
650 662 334 565 186 187 188 739	1370 711 1953 694 456 1157 1759
740 644 705 566 567 678	1371 1156
735 737	1621
897	
NASTRAN (Computer Program)	Noise Reduction see also Mufflers, Sound Absorbers
650 662 334 565 186 187 188 739	40 31 32 193 124 235 106 387 348 459
740 644 705 566 567 678	350 121 582 343 194 345 126 417 458 679
735 737	360 471 682 683 464 485 166 457 578 699
897	460 601 822 733 524 905 466 647 1028 759
Natural Frequencies	510 761 882 793 844 945 506 677 1248 939
80 431 92 253 94 45 256 207 258 9	520 1061 1142 1183 1004 1245 576 947 1368 1019
250 451 162 373 424 405 396 477 548 79	1060 1141 1922 1233 1454 1375 646 1307 1928 1359
620 521 262 423 434 455 656 557 648 329	1230 1351 2032 1263 1824 1525 876 1367 1449
660 991 322 433 454 565 826 657 838 559	1860 1481 2033 1994 1955 896 1557 1459
930 1291 332 653 614 575 836 897 1318 699	1920 1631 2053 1406 1627 1529
1000 1431 542 833 624 1325 956 917 1478 839	1731 1526 1817 1769
1020 1751 632 903 634 1615 1006 1037 1728 1129	2051 1726 1819
1040 832 963 1014 1995 1036 1327 1798 1209	1916 1899
1170 992 993 1164 1136 1507 1978 1519	
1220 1332 1133 1304 1206 1657 1619	
1300 1412 1293 1326 1669	
1400 1432 1503 1346 2019	
1430 1582 1583 1396	
1730 1672 1873 1426	
1862 1486	
1942 1796	
1986 2006	
Network Theory	Noise Tolerance
1294	580 581 862 863 864 485 336 27 488 29
	860 1901 1162 873 944 585 856 467 858 479
	1160 2032 855 1066 577 878 579
	1360 865 1076 857 1248 789
	1540 1245 1246 1537 1358 1229
	1355 1356
	1725 1376
	1536
Newmark Method	Noise Transmission
910	1301 1247
Noise Abatement use Noise Reduction	
	Nonconservative Forces
	1800
Noise Control use Noise Reduction	
Noise Detectors use Acoustic Detectors	Nondestructive Tests
	1100 392 393 505 56 237 48
	1500 813 815 346 687 818
	616 1268
Noise Generation	
1620 501 1372 503 1024 1065 796 1447 1828 1359	Nonlinear Damping
581 1442 583 1624 1545 1446 1727 1439	1120 1961 976
801 1373 1724	1416
1934	
Noise Measurement see also Acoustic Measurement	Nonlinear Programing Technique
580 681 482 1063 134 465 336 947 358 509	825
1480 801 1243 845 786 1097 788 809	
1530 941 1275 1156 1157 798 1159	Nonlinear Response
1231 1825 1236 1437 1028 1239	310 1301 432 323 1104 315 306 1147 918 979
1551 1626 1448 1359	1790 1321 1863 1124 1487 1489
1858 1759	1511 1194 1877 1839
1819	

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Nonlinear Systems	Numerical Techniques											
770 551 772 1214 5 1036 1807 1208 549	2050 1811	1594 1045										
1210 911 912 1604 305 1938 769												
2064 335 1998 1639												
745												
O												
Nonlinear Theories												
453 438												
988												
Nonlinear Vibrations use Nonlinear Response												
Normal Modes	Occupant Simulation see also Anthropomorphic Dummies, Human Response											
13 644 545 566 567 909	1380	1052										
665 1616 737												
1165												
Nozzles	Off-Highway Vehicles see also Tractors											
1339	870	1543	695									
Nuclear Explosions (Underground)	Offshore Structures											
691 588	401	812	273	1256								
1348	591	902	753									
Nuclear Explosions see also Weapons Effects	Oil Film											
200 251 353 354 1835 356 357 1348	1990											
1130 691 1636 1538												
951 1836												
1251												
Nuclear Fuel Elements	Oil-Whip Phenomena											
763 1755 1987 1988 1699	1991											
Nuclear Powered Ships	Openings see also Doors, Holes											
1572 1029	480	746	747	748								
Nuclear Power Plants	Optical Methods											
220 512 1024 875 716 967 1758	1470	412	975									
1780 2044 2045 1306 2048			1655									
1756												
2046												
Nuclear Reactor Components	Optimization											
190 1753 1754 715 1666 717 238	830	101	312	103	64	1215	66	1118	539			
1830 1883 2015 1757	1910	1361	1232	313	534			1728	1129			
2047				1362	1603	1704			1419			
Nuclear Reactors	Optimum Damping											
708 1349	1602	1973										
Numerical Analysis	Optimum Design											
80 931 442 323 1334 1165 776 248 1049	1176	1057										
550 1791 1782 913 1195 1196												
790 1811 1053 1418												
1690 2021 1513 1428												
1940												
2060												
Oscillations use Vibration Response	Orthotropic Cylinders											
Oscillators	Orthotropic Plates											
481 1852 1253 1654 1216 259	432	8	659									
1785-1934												
1935-2064												
Overhead Guideways use Suspended Structures	Orthotropic Shells											
435												

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

	P	
		Periodic Excitation
	450 841 772 1413 544 105	1868 69
	1411 1843 1754 915	1299
	1864 1595	1609
Packaging		
500	1163 704 495 286	148 149
	706	498 499
	709	1793
Panels		
300 1081 1872	13 424 95 426 427 178 9	
1180 1181	1853 644 645 607 208 1179	
1301	1124	1177
1691		
Parachutes		
1730		Periodic Structures
Paraboloidal Shells	445	
Parameter Identification		
	335 1436	1618 569
	1215	
	1815	
Parametric Excitation		
1571 1413	1595 1366 7	109
	1566 257	
Parametric Resonance		
	33 1694	1416
Parametric Response see also Autoparametric Response, Dynamic Buckling		
241 1682	33 1694 775 1416 527	
1311	1706	
Passenger Vehicles		
720 721 722 723 724 1385	156 727 728 1379	
801 1002 883 884	516 1027 1378 1559	
1172 1763	1026 1377 1768 1769	
1382 2053	1376 1557	
	1386 1717	
	1767	
Passive Isolation		
1742 1523	1116	1168
1683		
Pathologic Subjects see also Human Response		
	1716	1739
Pendulum		
1423	986 1217	
	1677	
PERFORM (Computer Program)		
1054		Plate-Airflow Interaction use Interaction: Plate-Airflow

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Plate-Turbulence Interaction use Interaction: Plate-Turbulence	Positioning Devices	98 1499
Plates (Structural Members)	POST (Computer Languages)	568
70 81 82 23 84 255 56 87 8 79 110 91 432 83 94 325 326 167 238 659 250 251 452 93 364 425 436 307 318 669 450 301 672 323 434 535 526 437 438 839 660 321 992 423 544 565 656 607 448 929 670 341 1182 433 584 655 996 657 658 989 840 441 1312 673 614 665 1046 837 918 1129 1050 451 1332 1133 674 775 1136 997 998 1509 1080 1131 1512 1313 1134 835 1226 1037 1078 2009 1130 1181 1692 1323 1324 1125 1696 1047 1318 1220 1271 1702 1433 1514 1135 1706 1327 1878 1310 1311 1882 1513 1894 1325 1796 1507 1888 1580 1501 1892 1803 2014 1415 1936 1697 1690 1511 1932 1893 2024 1505 2006 1737 1890 1651 2002 2023 1515 2027 2010 1891 2012 1705 2020 2022		
PLOTBEAM (Computer Program)	Power Plants	
1614	220 512 944 875 716 947 2048 1780 1024 2045 906 967 2044 1306 1756 2046	
Plotting Programs see also Graphic Methods	Power Spectral Technique	
1614	1341 922 1452	
Plows use Agricultural Machinery	Power Train	
Plowshare Projects	870	
943		
Pneumatic Isolators	Prediction	
1742 1683 1116 1917	201 263 384 1076 597 1069	
Pneumatic Lines	Presses	
1502	1634	
Pneumatic Springs	Pressure Vessels	
1296 1917	974	
Pneumatic Tires use Tires (Pneumatic)	Prismatic Bodies	
	893 2015	
Pogo Oscillation use Pogo Effect	Probability Theory	
Point Contact use Hertzian Contact	1450	
Point Source Excitation	Propeller Blades see also Rotary Wings	
958	502 1573 134 197 1912	
Polymers see also Elastomers	Protective Shelters	
590	1071 473 746 747 748 2061 1538	
Pontryagin Principle	Pulse Excitation use Shock Excitation	
103		
Porous Media	Pulse Test Method	
1801	613	
	Pumps	
	1303 504 906 1748 1946	
	Pyrolytic Graphite Type Materials use Vapor Deposited Materials	
	Pyrotechnic Shock Environment	
	233	199

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

R**Reinforced Beams**

828

Radioactive Materials
702 706 707

Reinforced Concrete

563 475 829
693 715 899

Railroad Tracks
382 1167

Reinforced Laminates
952

Railroad Trains
1170 1171 382 713 714 507 358
874 1167 508
1374

Reinforced Structures

1517

Resonance use a more specific term: Acoustic Resonance, Cavity Resonance, Parametric Resonance, Vibration Resonance

Random Excitation
530 851 852 53 394 105 276 177 868 749
1410 1571 932 773 1654 215 306 1698 1219
1871 923 275 1016
755 1366
775

Resonance-Bar Technique
1112

Random Response
1450 111 552 214 1135 426 57 218 1939
1940 662 1284 1335 1256 927 1068
852 1424 1606 1067 1938
1832 1434 1856 2018
2064

Resonance Tests see also Vibration Tests
615 56

Random Parameters
1670

Resonant Beam Technique use Resonance-Bar Technique

Rayleigh-Ritz Method
1428

Resonant Frequency use Natural Frequencies

Rayleigh Method
344 1986

Resonators

373 179
575

Recording Instruments
1095

Response use a more specific term: Acoustic Response, Bearing Response, Coupled Response, Frequency Response, High Frequency Response, Lateral Response, Longitudinal Response, Non-linear Response, Parametric Response, Periodic Response, Random Vibration Response, Rotor Response, Seismic Response, Shock Response, Structural Response, Torsional Response, Transient Response, Unbalanced Mass Response, Vibration Response

Rectangular Beams
329

Response Spectra use a more specific term: Shock Response Spectra, Vibration Response Spectra

Rectangular Membranes
1871

Restraint Systems use Safety Restraint Systems

Rectangular Plates
70 441 672 673 94 255 1136 607 448 839
450 1311 1222 1223 364 775 1226 998 1509
1080 1511 1332 1313 674 1125 1706
1512 1433 2005

Reviews
341 342 413 1954 25 1066 338
831 2032 1368

Reentry Vehicles
1101

REXBAT (Computer Program)
1786

Regulations
1818

Rheological Properties
377

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4	1	2	3	4	5	6	7	8	9	10	11	12
Issue:												

Rigid Inclusion			Rotors (Machine Elements) see also Shafts
361 352 1643		1628	190 731 1012 63 1564 135 136 407 158 159
Rings			890 891 1022 853 1584 1175 886 887 888 289
240 1711 1242	455 946 1137 1328 1329		1390 1351 1372 1783 1774 1565 1176 1067 1108 889
1000 1712	1625 1046 1897	1519	1560 1562 1913 1585 1566 1388
		2027	1772 1596 1568
			1912 1776
			2056
Ring-Springs			
240			
Ritz Method			Rotatory Inertia
1421	15	1519	561 562 254 95 2009
	2005		631 842 614
			1862 1884
Road Profile use Road Roughness			Rotor Blades (Rotary Wings) use Rotary Wings
Road Roughness see also Runway Roughness			Rotor Blades (Turbomachinery)
810			1971 1656 758 639
820			Rotor Response
Rockets			160 1822
162	234 295		Roughness use Surface Roughness
	744		Rubber use Elastomers
Rocks			Rules use Regulations
480	603		Runge-Kutta Method
Rods see also Bars			832
1110 322	564 75 416 247 1988 179		Runaway Escapement Mechanisms
1980 1282	1105 966 287 629		1120
1302	1485 627 1109		Runway Roughness see also Road Roughness
	1987		1361 112 1344 1335
Roller Bearings		1289	
Roofs			S
	1576	9	
Ropes use Cables (Ropes)			
Rotary Wings			Safety Belts use Seat Belts
710 141 482 163 854 135 276 277 1808			SALORS (Computer Programs)
730 851 852 413 1164 1115	1597		1811
850 1392 853 1534 1735	1737		Safety Restraint Systems
1750 1912 1533 1724			1540 721 1002 1713 1555 1376 1027 1718 859
1913			1660 881 1552 1763 1765 1716 1377 1549
Rotating Structures see also Compressors, Shafts, Turbomachinery			1770 1381 1766 1527
1930 1232 1043 574 1185 1586 1297 638 1389			1721 1717
2002 1783 1784 1505	1108 1569		1767
1515			
			Safety Factors
			483
			773

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Sand	803 604 1715	Seismic Response	380 231 342 1013 1224 125 1496 1347 218 829
	1463		930 1151 1032 1843 355 2046 1947 1008 949
	1843		1830 1462 715 1967 1348 1069
			1910 1015 2047 1618 1349
Sandwich Beams			1685 1908 1909
1221 402 243 404			2048
1983 1014			
Sandwich Plates		Seismic Waves	354
1890 1692	425		
		Self-Excited Vibrations	
		450 291 242 63 894 95 186 67 178 469	
Sandwich Shells			730 371 272 1123 1494 145 117 468 869
1710	1977		1570 391 1182 1143 1684 525 227 1178 1179
Sandwich Structures see also Laminates			1650 421 1542 1783 1784 645 427 1728 1619
1710 1221 402 243 404 405	238		1800 671 1005 607 1729
1890 1692 1453 1014 425			921 1145 1177
1983			1181 1595
			1691
SAP (Computer Program)		Self-Sustained Vibrations use Self-Excited Vibrations	
	937		
SATANS (Computer Program)		Semi-Trailers	2055
1812			
Satellite Booms (Antenna) use Booms (Antenna)		Series (Solution)	1514 1205 87 1428 1569
Scaling use Test Models			1668
Screws		Shafts (Machine Elements) see also Rotors	
	1328	1560 521 522 523 1775 2057 1388 1389	
Sea Surface use Surface (Sea)		2000 1751 1122	
Seals (Stoppers)		2050 1772	
	698	Shakedown Theorem	
Search Techniques		1460	
1414 1436		Shakers use a more specific term: Electro-hydraulic Shakers, Hydraulic Shakers, Mechanical Shakers	
Seatbelts		Shallow Arches	
1770 1721	1377 1718 1549	420	
Seismic Design		Shallow Shells	
750 1581 1883 1024 355 716 1197 2048 689		320 431	
940 1734 875 1306 1337 899			
1350 2044 2045 1756 1829			
1780 1816 1959		Shear Deformations use Transverse Shear Deformations	
2046 2049			
Seismic Excitation		Shear Modulus	
200 481 962 273 1754 356 357 478 1009		1461 1262	1968
220 1011 1742 353 1836 1917 1849			
1291 1832 563			
1401 2042 1683		Shear Strength use Transverse Shear Deformation	
1451 2062 1843			
1461			
1911			

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Shells of Revolution	Shock Excitation								
20 931 1812 173 454 445 1516 2017 88	50 631 602	394	215	196	288	419			
320 1811 453 1874 715 1806 248	751 1252	2014	1695	906	338	439			
990 993 1876 1508	2011 1932	1985	996	538	629				
1813 2026 1518	1952	1696	1038						
Shells (Structural Forms)	Shock Isolation								
10 181 92 33 174 85 446 447 88 89	240	292	733						199
20 341 202 173 254 265 496 497 248 249									
50 431 252 253 324 425 556 917 258 319									
80 671 442 293 384 435 666 1317 368 439									
90 771 662 363 444 445 766 1877 668 599									
320 901 842 443 454 675 836 1887 838 999									
440 931 1132 453 654 715 916 2017 1128 1049									
990 961 1312 663 664 775 1316 1308 1319									
1190 991 1322 993 834 1315 1326 1508 1699									
1320 1001 1792 1333 994 1695 1506 1518 1709									
1420 1321 1802 1703 1314 1885 1516 1668 1729									
1430 1501 1812 1813 1434 1895 1806 1708 1889									
1630 1701 1883 1704 2015 1876 1738 2019 692 1273									1538 2009
1710 1811 2013 1814 1886 1798 2029 1892									
1790 1881 1874 1896 2018									
1880 2011 1884 2016 2028									
1970 2021 1894 2026 1954									
Shimmy use Wheel Shimmy	Shock Spectra use Shock Response Spectra								
Shipboard Equipment Response	Shock Testing see also Impact Tests								
620 1184 1585	570 1101 213 704	216	617	288	819				
1030	760			708					
	970			1138					
Ship Hulls	Shock Wave Attenuation								419
1393 1394	339								
Shipping Containers see also Tanks (Storage)	Shock Wave Diffraction								
702 703	1823								
Ship Propellers use Marine Propellers	Shock Wave Propagation								
	960 41 1072 1833 1594	1257	228						
Ships	901 1092 1634	1277	1158						
60 161 292 1183 734 205 1226 1547 528 1029	1591 1642								
290 1931 1572	1781								
1055									
1778									
Ship Structural Components	Shock Wave Reflection								
1393 1394	1633								
896									
339									
Ship Vibrations	Shock Waves								
895	1240 442 1073 274	367	1039						
		1309							
Shock Absorbers	Shrouds								
60 1482 64 1336 17 708 59	782								
704 1436 107 1279									
507									
Shock Absorption see also Vibration Absorption	Shuttles (Spacecraft) use Space Shuttles								
148	SIHI (Computer Program)								
1929									

Abstract Numbers:	I-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	I	2	3	4	5	6	7	8	9	10	11	12

Simulation		Solid Propellant Rockets	
720	892 233 224 1055 846 17 1018 389	470	298
870	2052 783 614 1155 1306 777 1068 539		
1090	1264 1285 1876 797 1228 1069		
1200	1374 847 1868 1409		
	1434 1027 1869		
	1924		
Single Degree-of-Freedom Systems		Solutions (Liquids) use Fluids	
	1069		
Sinusoidal Excitation use Periodic Excitation		Sonic Booms see also Acoustic Excitation, Sound Waves	
		70 121 862 863 864 115 96 787 198 789	
		150 791 1402 873 904 865 1727 848	
		680 1081 1532 903 1154 1635 1957 1818	
		860 1702 1634 1725	
Skew Plates		1010	
451	432 2023 325		
452		Sonic Fatigue use Acoustic Fatigue	
992			
Skidding		Sound Absorbers see also Noise Reduction	
	517	1481 1992 2033 1525 1557	
Skin-Stringer Method		Sound Attenuation use Noise Reduction	
	1577		
Skis		Sound Directivity	
	1904	573	
Slabs		Sound Generation	
	34	1750	
	779	Sound Measurement see also Noise Measurement	
		1992 1267 1858	
Slamming		Sound Package	
	1055	1557	
Sloshing		Sound Pressures use Acoustic Pressures	
	675		
	249	Sound Radiation use Sound Waves	
	729		
Slosh Reduction		Sound Rays	
	823 204	791	
SMIPH (Computer Program)		Sound Recording see also Recording Instruments	
1841		1267	
SNAP (Computer Program)		Sound Reduction use Noise Reduction	
180	1616		
Snap-Through Problems		Sound Transmission	
1322		1240 461 1152 1853 2034 265 447	
		1622 1795	
Snow Skis use Skis		Sound Wave Propagation	
		1801 1443 1444 1545 1846 1827	
Soil Compressibility		1845 1847	
	1834		
Soils			
380 1461 172 803	1715	1967 1408	
1781 802 1463		1968	
1821 1262 1843			
1911			

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Sound Waves see also Acoustic Excitation,		Spherical Shells	
Sonic Booms		440 1881 842 663 834 1885 446	368 319
70 121 392 203 574 45 96 787 28 789		1430 1792 1333	1886 1308 369
150 1441 1062 363 1394 115 1316	198 1249	1710	
600 1671 1622 503 1614 1485	378 1319	1880	
680 2001 1652 573 1964 1625	418 1629		
790 1992 1323	1438		
1050 1483	1458	1653	
1240 1623	1628		
1630		Spheroidal Shells	
		1630	
Spacecraft see also Satellites			
300 211 742 233 264 735 296 297 738 399		Spheroids	
530 741 892 333 1574 1065 566 737 838 739		1623	1948
740 831 393 1704 1185 906 897 1178 1099			
1090 1031 743 1575 976 1117 1188 1479		Spinning use Rotation	
1640 1091 1193 1186 1177 1779			
1101 2063 1187 2059		SPREAD (Computer Program)	
		781	
Space Shuttles		Spring-Driven Devices	
831 1193 1574 735 897 1178 2059		1296	
1031 1575 1177			
Space Stations		Springs	
831 1193 1574 735 297 1178 1779		1330 781	695 676 1227 1138 1139
1031 1575 897 2059		1520	825 836 1667 1898
1177			1296 1917
Space Vehicles use Spacecraft		Squeeze-Film Bearings	
		1680	
SPADES (Computer Program)		SST Aircraft	
	1889		115
Specifications see also Standards and Codes		Stability	
970 816 1167		640 131 592 93 314 305 886 297 558 99	
1370		770 771 732 1423 384 785 1366 1217 648 199	
Spectral Matrix Method		890 981 942 2013 1604 1925 1676 1597 898 769	
951		920 1421 1954	1218
Spectrum Analysis		1560 1661 2054	1288
290 1971 922 923 224 1586 1707 209		1800 1691	1678
940 1452 973 824	799	1980 1881	1728
1874			1868
Spheres		Stacks (Exhaust) use Chimneys	
	2025 1707 379	STAGS (Computer Program)	
	1949	1806	
Spherical Caps		Standards and Codes see also Specifications	
	1625 1876	700 941 1383 484 1275 856	1229
Spherical Cavity		1230 784 1626	
792			1826
Spherical Rings		State Vectors	
	1625	546	

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Static Analysis	1812	Stress Waves	84	1889
Static Linearization	932	Strings (Structural Members)		
Statistical Analysis	1431 1012	400 71 632 533 734 245 396 77 628 69		
	1432	1861 1102 623 824 1285 826 397 399		
		1931 1842 983 1104 1576 1287 979		
		1203 1284 1487 1669		
		1863 1674 1979		
		1864		
Statistical Energy Methods	174	Structural Analysis	21 13 24	187 188
	316	104		
		334		
Statistical Linearization	551	Structural Damping	371 42	205 1856
	1424	Structural Design	192 483	
Steady State use Periodic Excitation		1603		
Steady State Response use Periodic Response		Structural Members		
Steel	1850	1010 211 53	597 48 929	
Steering Columns use Automobile Steering		313	898	
Wheels			928	
Step Response	1876 1417	Structural Response	690 571 2042 263 904 185 306 1077 328 949	
Stick-Slip Response	1745 1747	780 831 755 1197 428 1429		
Stiffened Cylinders	901 994	910 1011 895 478 1939		
Stiffened Panels	544	1291 848		
		1451		
Stiffened Plates	1875	Structural Synthesis	741 2 143	189
Stiffened Shells	1508	1521 212 313		1119
Stiffness Matrices	1195 1056	742		1409
1592	1615 1596	Structures	312	
Stochastic Processes	36	Structures in Fluid Media use Submerged		
770 131 932 1203 774	1799	Structures		
1961 1452		Sturm-Liouville Theory		
Stodola Method	158	1521		
Strength use Fragility		Subharmonic Oscillations		
		772 1212	308 309	
		Submarines		
		290 1394	2058	

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Submerged Structures see also Offshore Structures		Taylor Series Method	1428
50 591 332 93 374 245 106 397 658 319			
260 661 752 293 654 1285 1886	1048 339		
290 1001	363 1394 1315	1308 369	
1430	653	1508	
	1563		
	1663		
	1963		
Supersonic Aircraft use SST Aircraft			
Surface Grinding use Grinding		Temperature use Thermal Excitation	
Surface Roughness		Test Data	
810 1361 112 1543 1344 1335 646		40 71 1502 153 434 205 536 667 428 839	
820		780 1011 1662 603 1404 475 646 757 838 949	
		1720 1151 1672 863 1714 935 1026 1257 1618 1169	
		2030 1311 1902 1063 1734 1065 1056 1337 1838	
		1381 1113 1764 1565 1446 1377	
		1491 1834 1536 1657	
		1621 2004 1546 1927	
		1781	
Surveys (Reviews) use Reviews		Test Equipment	
Suspension Bridges		850 221 802 213 214 385 386 807	609
1861	474 525	970 621	616 1477
2041			819
Suspended Structures		Test Facilities	
1171	533 474 525	220 811 1683	215 216 387 698 939
1861		810	1265 806 1477
2041			1266
			1466
			1656
Suspension Systems (Vehicles)		Test Fixtures use Test Facilities	
340 261 282 143 494 695 156 17 278 59			
490 1361 302 713	516 217	589	
700 1492	696 697	1169	
880	866 867		
Sweep Testing	55	Testing Techniques	
	T	230 201 232 393 384 505 56 47 48 169	
		380 211 392 593 704 615 176 687 118 229	
		1100 701 472 603 814 815 236 817 228 1329	
		1400 1091 622 703 954 925 346 1197 708 1439	
		1470 1101 702 813 974 975 616	738 1479
		1500 1921 762	984 1475 816
		1850 1112 1474 1535 1096	818 1539
		1382 1664 1655 1626	868 1619
		1632 1665 1666	1098
		1902	1258
			1268
			1568
Tank Cars			1638
	285	508	
Tanks (Combat Vehicles)		Test Instrumentation use Measuring Instruments	
494			
1074	1148		
Tanks (Storage) see also Shipping Containers		Test Models	
1020 511 702		391 122 473 204 355 726 1427 708 829	
		651 222 1303	1757 838 1199
		1261 1812 1913	1228 1289
		1621 1392	
		1742	
Tapered Beams use a combination of Beams and Variable Cross Section		Tests use a more specific term: Acoustical Tests, Dynamic Tests, Fatigue Tests, Impact Tests, Resonance Tests, Shock Tests, Vibration Tests	
Tapes use Moving Strips			

Abstract Numbers:	1-172	173-300	301-533	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Theory of Characteristics		Torsional Springs	
540		1520	
Theory of Elasticity use Elastic Theory		Torsional Vibrations	
		190 491 1282 1743	276 537 1149
Thermal Excitation		1761 1852	
1970 1651 202	1969	Torsional Waves use Shear Waves	
1502		Towed Bodies	
Thermoelasticity	606	293 245	1979
		Towed Vehicles	
Thermoviscoelasticity	556	880 942	285 508
	776	2055	
Thick Plates use Plates		Towers	
		1186 1399	
Thin Beams use Beams (Supports)		Tracked Vehicles	
		494 1148	
Thin Plates use Membranes		1074	
		Tracks (Railroad) use Railroad Tracks	
Thin Shells use Shells (Structural Forms)		Tractors	
		700 871 872	
Time-Dependent Boundaries use Time-Dependent Excitation		880	
		1920	
Time-Dependent Excitation see also Transient Excitation	1981	Traffic Induced Vibration	
	1705	1172 1077	
Timoshenko Beam Theory use Timoshenko Theory		Traffic Noise	
		350 581 882 1233 194 515 1076 1247 878 509	
Timoshenko Theory	1590 521 182 1484 1435 6 1637 1608	360 1551 1245 948	
1710	1804 1695 416 1878	510 1028	
	1865 926	520	
Tire Characteristics	2055	1440	
		Traffic Safety use Collision Research	
Tires (Pneumatic)		Trailers see also Articulated Vehicles, Automobiles, Buses, Motor Vehicles, Semitrailer, Trucks	
1340	1024 1925 1626	880 942	
1550	1554		
	2054		
Tools		Trains use Railroad Trains	
1121 1542	144 145 1407 608 869	Transducers	
	868 1409	611 612 1093 934 925 1127 1658 49	
	1408 1409	971 1663 1084 1659	
	1919	1441 1973 1274	
Torsional Response		Transfer Matrix Method	
100 1121	1404 1297 58	1312 1404 1596 1577 258 159	
430	2007 638	1887 179	
1280	908		
1290	1268		
1650			

Abstract Numbers: 1-172 173-300 301-538 539-765 766-907 908-1035 1036-1199 1200-1409 1410-1590 1591-1784 1785-1934 1935-2064

Volume 4

Issue: 1 2 3 4 5 6 7 8 9 10 11 12

Transient Excitation see also Time-Dependent Excitation	783	2055	696	867	59
90 1654 105					
1420 1539					
 Transient Response					
70 81 252 243 184 85 86 667 318 139					
90 91 792 253 434 135 156 827 448 649					
140 241 1192 1113 654 445 426 1297 768 999					
150 541 1222 1213 854 745 556 1707 928 1539					
180 1171 1612 1433 1014 825 766 2017 978 1559					
230 1501 1702 1054 915 916 1088 1879					
840 1881 1812 1334 1285 1116 1288 1949					
870 1981 1982 1804 1475 1506 1308 1969					
1110 1984 1875 1516 1668					
1410 2024 1935 1576 1698					
1700 1886 1708					
1880 1936					
2020					
 Transient Vibrations use Transient Response					
 Transmissibility use Transmissivity					
Transmission Lines	1491	412	984	1476	638
553					
1403					
 Transmitters use Measuring Instruments					
Transportation Systems	731	412	984	505	756
340 152 713 714 196 957 218 489	1930		1784	195	46
490 822 733 288 509			1934	1405	167
1170 1023 1198			636	1567	538
1228					938
 Transversely Isotropic Media	1491	1772	1776		
598	1491				
	1681				
 Transverse Shear Deformations					
561 92 254 95 2009	111	122	1723	1244	796
731 562 614	1341		1844		1866
1221 842 1884					198
					2039
					1226
					1828
 Transverse Vibrations use Flexural Vibrations	1491				
 Trapezoidal Plates					
656 657	1407				
 Traveling Loads use Moving Loads					
 Trees	1850				
1590					
 Truck Frames	1270				
879	U				
 Ultraharmonic Response use Ultrasonic Resonance					
 Ultrasonic Techniques	974		616		
1850	1474				
 Ultrasonic Tests	1270				
974	1474				
 Ultrasonic Vibration	1270				
764	1270				
 Ultrasonic Welding	1270				
1270	1270				
 Unbalanced Mass Response see also Balancing Techniques					
1560	1564				
1584	1584				

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Underground Explosions		Vibrating Structures	
200 691 342 353 354 1835 356 357 588 589		1571 1182 1464 1366 1328 1679	
951 943 1636 2058 1249		1242 1416	
1251 1836 1849			
Underground Structures		Vibration Absorption (Equipment)	
480 1071 1907 1008 1649		1930 61 782 633 1235 1547 1918	
2061 1538		1523	
Underwater Explosions		Vibration Absorption (Materials) see also Shock Absorption	
752 1823 1257 1348 339		1684 1916 148 299	
1309			
Underwater Sound		Vibration Analyzers	
390 362 43 934 45 1086 347 378 349		1470 1851 176 1267	
612 1053 1064 545 1846 1087 379			
1082 1083 1084 1085 1966 1237 969			
1274 1445 1777 1059			
1964 1827 1239			
1847 1269			
Underwater Structures use Submerged Structures		Vibration Dampers	
Underwater Tests	1258	491 1335	58 299
			849
Urban Noise		Vibration Damping	
1825 1246 1247 1248		1840 51 52 853 4 146 17	
		1872 424 1486 207	
Urethane Foam use Foams		Vibration Detectors use Transducers	
V		Vibration Excitation	
		690 1681 1262 1353 215 196 538	
		1520 1543	
Variable Cross Section		Vibration Frequencies use Natural Frequencies	
1490 451 992 184 1775 1887 178 629			
2001 2012 1484		Vibration Isolation see also Vibration Control	
		140 281 142 143 284 278 279	
		462 283 1524 458	
Variable Mass			1918
	1425		
Variable Material Properties		Vibration Isolators	
1670 1425 367		280 282 513 896 538	
		830 422 1003 1118	
			1688
Variational Methods		Vibration Measurement	
1220 1421 554 1607		1000 611 382 1663 54 975 226 1267 48 509	
1941 1854		2040 1741 1094 1095 1476 519	
Vehicle Wheels use Wheels		1831 1235	
		1465	
Vehicles use a more specific term: Flight Vehicles, Ground Vehicles, Motor Vehicles		1975	
Velocity Control use Deceleration		Vibration Mode use Normal Mode	
		Vibration Monitors	
		383	

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2054
Volume 4												
Issue:	1	2	3	4	5	6	7	8	9	10	11	12

Vibration Recording

1267

Vibration Reduction use Vibration Control

Vibration Resonance

1313

Vibration Response

20	301	372	173	34	55	16	207	138	119
270	361	672	523	114	505	116	267	248	209
470	911	762	673	324	535	206	837	298	229
1180	1281	952	1103	494	685	266	967	408	339
1200	1361	1772	1273	504	965	686	1017	518	359
1500	1491	1792	1403	584	1345	846	1317	628	539
1590	1561	1922	1423	824	1505	926	1427	1208	549
1690	1651	2012	1773	1234	1585	986	1477	1398	669
1710	1701		1903	1344	1775	1146	1497	1418	799
1740				1874	1915	1226	1547	1748	1089
				2004		1686	1837	1758	1099
						2056	1907	1888	1839
							1988		
								2038	

Vibration Tests

620	231	212	223	214	55	216	57	78	299
760	621	232	973	234	1015	236	287	218	1479
970	861	472				816	477	738	
1390	1091	512				1266	617	1478	
1461						1666	807	1968	

Vibration Tolerance

811		884		846					
				1356					

Vibrators (Machinery)

130	171	172	493	284	765	1946	907	1588	1589
170	621			804	1195		1477		
641				1654			1587		

Vibratory Compacting

172 763 604 1408

Vibratory Conveyors use a combination of terms Vibrators (Machines) and Materials Handling Equipment

Vibratory Mills

170

Vibratory Tools

608	1409								
1408									

Vibroburnishing

1035

VIDEC (Computer Program)

1585

Viscoelastic Core-Containing Media

402 1983 404

Viscoelastic Damping

12	1263	424	1865		1137	849
	402	1453	1974		929	
			1282			

Viscoelastic Media

1652	183			827	1088
	1653			1607	
				1977	

Viscoelastic Properties

260		1744		257	448	1089
				437	1128	

Viscoplastic Properties

935 1299

Viscous Damping

1511	372	1563		205	1336
		1593		595	2046

Vortex Noise

1241

Vortex Shedding

110	82	754	1736	1758
	782			
	1352			

VTOL Aircraft use Vertical Takeoff

Vulnerability		274	285	1148

W

Walls

460	1152	473	1014		96	428
1010		1192				

Water-Hammer

649 1305

Water Power Engines

1034

Water Skis use Skis

Water Towers

1947

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume 4	1	2	3	4	5	6	7	8	9	10	11	12
Issue:												

Water Waves		Whirling	
132	1055	731	983
Wave Attenuation		1751	
	419		407 718 1199
Wave Diffraction		Wind-Induced Excitation	
2010 661 792 1623 374 1625 1966 1697 1238		1471 922	26 1528
1641 1643 574	1438	1531 2062	
1781 1693 1644	1628	2041	
1823		Windows	
Waveguides	553	70 1081 1532	1154 96
Wave Propagation see also Group Velocity		1010	
600 41 952 1403 444 265 36 247 28 599		Wings use Aircraft Wings	
790 461 1062 1443 914 435 416 447 228 619		Wires	77
960 901 1072 1833 1444 1545 436 1257 418 629		Wobble Damping	1779
1420 1591 1092 1594 1795 1846 1277 1158 1109		Work Hardening use Strain Hardening	
1790 1781 1152 1634 1845 2026 1827 1668 1249			
1801 1622 2034	1847 1898 1629		
1841 1642			
2001 1652			
Wave Reflection			
	1633		
Waves use Circumferential Waves, Dilatational Waves, Distortional Waves, Elastic Waves, Extensional Waves, Flexural Waves, Longitudinal Waves, Mechanical Waves, Oscillation Waves, Rayleigh Waves, Shear Waves, Sound Waves, Spherical Waves, Standing Waves			
Wave Scattering use Wave Diffraction			
Weapon Effects see also Nuclear Explosions			
261	237 228		
Weapon Systems			
1070			
Welds			
	955		
Wheels			
	1075		
Wheelset			
	508		
Wheel Shimmy			
	2054		
Wheels (Steering) use Steering Wheels			

Abstract Numbers:	1-172	173-300	301-538	539-765	766-907	908-1035	1036-1199	1200-1409	1410-1590	1591-1784	1785-1934	1935-2064
Volume #	1	2	3	4	5	6	7	8	9	10	11	12
Issue:												

CALENDAR

Meeting	Date	Location	Contact
9th Annual Meeting and Technical Display, AIAA	JAN. 8-10	Washington, D.C.	D. Wendling, AIAA Hq.
Automotive Engineering Congress and Exposition, SAE	8-12	Detroit, Mich.	A. J. Favata, SAE Hq.
Meeting, SEE	17	London, England	Secretariat, SEE Hq.
6th Conference on Applications of Simulation, IEEE	17-19	San Francisco, Calif.	L.W. Heinle, Lockheed M&S Co., 170 San Pablo Ave., San Francisco, Calif. 94127
1973 Annual Reliability and Maintainability Symposium, AIAA	23-25	Philadelphia, Pa.	D. Wendling, AIAA Hq.
Meeting, SEE	FEB. 13	London, England	Secretariat, SEE Hq.
Dynamics Specialist Conference, AIAA	MAR. 19-20	Williamsburg, Va.	D. Wendling, AIAA Hq.
Annual Convention, AREA	19-21	Chicago, Ill.	E.W. Hodgkins, AREA Hq.
Structures and Materials Conference, AIAA/ASME/SAE	19-23	Williamsburg, Va.	Meetings Manager, AIAA Hq.
14th Structures, Structural Dynamics and Materials Conference, AIAA, ASME, SAE	20-23	Williamsburg, Va.	Meetings Manager, AIAA Hq.
International Convention and Exhibit, IEEE	26-29	New York, N.Y.	J.M. Kinn, IEEE Hq.
19th Annual Technical Meeting and Equipment Exposition, IES	31-4	Anaheim, Calif.	Betty L. Peterson, IES Hq.
Annual Structural Engineering Meeting, ASCE	APR. 9-13	San Francisco, Calif.	E. Zwoyer, ASCE Hq.
Spring Meeting, ASA	10-13	Boston, Mass.	J.A. Swets, 50 Moulton St., Cambridge, Mass. 02138
Joint Railroad Technical Conference, IEEE, ASME	11-12	St. Louis, Mo.	IEEE Hq.
Meeting, SEE	16-18	London, England	Secretariat, SEE Hq.
Design Engineering Conference and Show	23-26	New York, N.Y.	A.B. Conlin Jr., ASME Hq.
American Power Conference, IIT	24-26	Chicago, Ill.	R.A. Budenholzer, Dir. APC, IIT
Spring Joint Computer Conference, AFIPS	MAY 1-3	Philadelphia, Pa.	H.G. Asmus, AFIPS Hq.
29th Annual National V/Stol Forum, AHS	9-11	Washington, D.C.	H.M. Lounsbury, AHS Hq.
International Congress on Experimental Mechanics, SESA	13-18	Los Angeles, Calif.	B.E. Rossi, SESA Hq.
National Automobile Meeting, SAE	14-18	Detroit, Mich.	A.J. Favata, SAE Hq.
27th Annual Technical Conference, ASQC	21-23	Cleveland, Ohio	R.W. Shearman, ASQC Hq.
16th ISA Power Instrumentation Symposium, ISA	23-25	Chicago, Ill.	A. Watson, Westinghouse Electric Corp., 10 S. Riverside Plaza, Chicago, Ill. 60606
Canadian Congress of Applied Mechanics (CANCAM)	28-1	Montreal, Canada	A. Biron, CCCAM Hq.
Lubrication Symposium, ASME	JUN. June	New Orleans, La.	A.B. Conlin Jr., ASME Hq.
Summer Annual Meeting, ASME	10-13	Philadelphia, Pa.	A.B. Conlin Jr., ASME Hq.
14th Joint Automatic Control Conference, AIAA, AIChE, ASME, IEEE	20-22	Ohio State Univ. Columbus, Ohio	H.R. Weed, Dept. EE, Ohio State Univ., Columbus, Ohio 43210
Applied Mechanics Conference, ASME	20-22	Atlanta, Ga.	A.B. Conlin Jr., ASME Hq.
76th Annual Meeting and Exposition, ASTM	24-25	Philadelphia, Pa.	H.H. Hamilton, ASTM Hq.
Meeting, SEE	JUL. 4-5	London, England	Secretariat, SEE Hq.
Transportation Engineering Mtg., ASCE	16-20	Tulsa, Okla.	E. Zwoyer, ASCE Hq.

